



**NATIONAL RAILROAD PASSENGER CORPORATION
NORTHEAST CORRIDOR
NEW YORK - WASHINGTON
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New York - Washington Bulletin Order(s) in effect: NYW1-26SUM

INDEX OF RULE / SI CHANGES OR MODIFICATIONS CONTAINED IN THIS BULLETIN ORDER

The date in an item heading indicates the date of the most recent change to the information contained in that section of the BO “*” indicates that the item was not carried in a previous Bulletin Order “PC” indicates a physical characteristic change.

When a change is made via Bulletin/General Order (New, Modified, or Deleted):

- The italicized font explains what the changes are. (*New, Modified, or Deleted*)
- The yellow highlights indicate where the changes are made.
- Once the changes are effective, the yellow highlights are removed when added to the summary bulletin order.

If you have any questions or suggestions, contact Operating Practices at operatingpractices@amtrak.com.

NOTE: This index does not relieve employees from reading, understanding and complying with all Bulletin Order items.

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I. Train Schedule Changes and/or Additions

See current NYWAS Employee Train Schedule Bulletin (ETSB.)

II. Main Line: Harold to CP 216 (NYS)

A. PC: Temporary Construction Crossings for MW use

07/01/24

New designated construction crossings have been installed between MP 5.1 Gate Interlocking to MP 17 Pelham Lane West.

B. *98-H1. Other than Main Track Designations, Types, and Responsibilities

03/02/26

98-H1 is retitled and replaced in its entirety.

LOCATION	TRACK DESIGNATIONS	TRACK TYPE	IN CHARGE OF	Note
Pelham Bay Interlocking	Track No. 5	Other Than Main Track	Section A Dispatcher & South Kearny Yardmaster	1, 2, 3
Note 1: The employee in charge of these tracks must grant verbal or signal permission prior to occupying, beginning movement, or making the track inaccessible.				
Note 2: IMCS Operations: Prior to performing any work, the RWIC must communicate with the "Section A" Dispatcher & South Kearny Yardmaster.				
Note 3: Freight Operations: Prior to occupying Amtrak territory at the sign posted at MP 11.96, Freight Trains must communicate with the "Section A" Dispatcher to receive authority to occupy Amtrak controlled territory.				

III. Main Line: New York to Hoffmans (HUD: "A" to CP 12 Only)

No Changes or Additions

IV. New York Terminal District (NYT)

A. PC: Tracks Out of Service (F and Harold Int)

07/02/25

No. 2 Trk (Line 2 Connecting Track) is out of service between F and Harold Int

B. PC: Tracks Out of Service (Penn Station)**09/25/17****1. Penn Station - Tracks Out of Service**

The tracks listed below are out of service for train movements (except Amtrak work trains and MW equipment) unless authorized by the MW Supervisor (or the Train Dispatcher, when authorized by the MW Supervisor):

a) 1A Track is Out of Service**09/25/17**

1A track is out of service from the west end of No. 1A track to a barricade erected 350 feet east.

Note: Trains operating towards Out of Service Tracks

In the application of NORAC Rule 134 a. "Movements in the Direction of the Out-of-Service Track", Dispatchers (or Operators) must not display signals nor give authority for movements in the direction of an out-of-service track until they have verified that the Engineer is aware of the Bulletin Order item.

C. PC: New York Penn Station – Station Platforms Out of Service

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors with the out-of-service portion of the station platform.

1. Station Platform No. 1**06/19/23**

A portion of the station platform on No. 1 track at Penn Station is out of service. The out-of-service portion is located between the west end of the station platform to a barricade erected 100 feet east.

2. Station Platform No. 3 – 5 & 6 Tracks**03/28/18**

A portion of Platform No. 3 (adjacent to no. 5 & 6 station tracks) is out of service between the west end of the platform and a barricade erected 105 feet east of the west end of platform.

3. Station Platform No. 4 – 7 Track**02/25/19**

A 111-foot section of platform No. 4 (adjacent to No. 7 station track) is out of service between platform barricades erected 153 feet and 264 feet east of the west end of the platform.

4. Station Platform No. 4 – 7 & 8 Tracks**04/22/22**

A 129-foot section of platform No. 4 (adjacent to Nos. 7 & 8 station track) is out of service between the west end of the platform to a barricade erected 129 feet east of the west end of the platform.

5. Station Platform No. 7 – 14 Track**04/22/22**

A 170-foot section of platform No. 7 (adjacent to No. 14 station track) is out of service between the east end of the platform and a construction barricade erected at the easternmost staircase.

D. PC: Sunnyside Yard**11/03/25****1. PC: Body Track 1:**

Body Track 1 has new length of 1,078 feet between Q & R Switching Stations.

2. PC: Signal Relocation: R Switching Center

62EA Signal – Moves **47' to the West**. Just East of the East end Cobra Crossing. No aspect changes to the signal.

3. PC: New Switch Installation:

65 Switch – New Install, **125'** from 62EA. The 65 switch will be lined and locked normal to Body Track 1.

E. PC: JO and F Interlocking East River Tunnel Rehab (Line 2)**07/07/25****1. Physical Characteristic Changes****a) JO Int**

- The rail on No. 2 Trk (Line 2 East River Tunnel) 205 feet East of the 548W signal at JO INT is removed and a barricade is erected.
- The interlocking home signal (Sig. No. 508W) governing Westbound movement to Line 2 is removed from service.

- The Switch No. (513) governing Eastbound movement from a portion of JO Int to No. 2 Trk is removed from service
- The Kelly track has been removed from the 510W to the east end of the rail.

b) F Int

- The rail on No. 2 Trk (Line 2 East River Tunnel) 1948 feet West of the 723 Switch at F INT is removed, and a barricade is erected.
- The interlocking home signal (Sig. No. 708E) governing Eastbound movement from Line 2 Connecting Trk to No. 2 Trk is removed from service.
- The interlocking home signal (Sig. No. 708W) governing Westbound movement to No. 2 Trk is removed from service.
- The interlocking home signal (Sig. No. 716E) governing Eastbound movement to No. 2 Trk, Sub 1-2 Trks is removed from service.
- The interlocking home signal (Sig. No. 716WA) governing Westbound movement to No. 2 Trk is removed from service.
- The Switch No. (707) governing Westbound movement from Line 2 Connecting Trk to No. 2 Trk is removed from service.

F. Station Page

07/02/25

The station page is modified. Note 7 is added to reflect that (East River Tunnel No. 2 Trk (Line 2) between JO and F is no longer a track designation.

STATIONS		MP	INT	PS	NOTES
JO	R-PSCC	0.1	X	...	6
F	R-PSCC (Sunnyside Yard) (North Runner Trk) (Sub 1, 2 & 3 Running Trks.) (Loops: "A", 1 & 2 Running Trks.)	3.0	X	...	1, 2, 4, 5
Note 7: No. 2 Trk (Line 2) between JO and F is removed.					

G. 240-T1. Signal Rules and Current of Traffic

07/02/25

240-T1 is modified. No. 2 Trk (Line 2 East River Tunnel) between the barricades West of the 548W signal at JO INT and East of the 723 Switch at F INT is governed by Rule 98.

The following tracks (formerly governed by ABS, DCS or Interlocking rules) are governed by NORAC Rule 98:

- Track No. 2 (Line 2 East River Tunnel) between the barricades West of the 548W signal at JO INT and East of the 723 Switch at F INT.

H. 37-T1. Passenger Trains and Freight Trains Maximum Speeds and Speed Restrictions, Unless Otherwise Restricted

07/02/25

37-T1 is modified. Passenger Trains Speeds for No. 2 Trk (Line 2) through East River Tunnels, East River Tunnels & Harold are removed.

PASSENGER TRAINS				
Between/At	Tracks			
	No. 1	No. 2	No. 3	No. 4
West Limits A Int. & East Limits JO & C Ints.				
All tracks		15		
*Through East River Tunnels		60		
East River Tunnels & Harold				
All Tracks		60		
FREIGHT TRAINS				

Between/At	Tracks			
	No. 1	No. 2	No. 3	No. 4
No. 2 Track (Line 2) Between Harold Int and 716WA	10			

I. 40-T1. Engine and Equipment Restrictions

12/01/25

40-T1 is modified. The Eastbound Reroute is modified from Dimension Code 2 to Dimension Code 3.

Locations	Tracks				
	4	3	2	1	Other
Eastbound Reroute	...	...	...	...	3

J. *98-T1. Q & R Switching Centers

03/02/26

98-T1 is replaced in its entirety.

- Movements through Q & R Switching Centers are governed by indications of fixed signals controlled by Section S.
- Q & R Switching Center are not an Interlocking; however Interlocking Rules 600 through 616 and Special Instruction 601-S1 govern operations at Q & R Switching Centers.

K. *98-T2. Other than Main Track Designations, Types, and Responsibilities

03/02/26

98-T2 is retitled and replaced in its entirety. Radio Channels are found in 706-T1.

Authority of the employee named must be obtained before any movement is made between Tracks between Q and R Switching Centers.

LOCATION	TRACK DESIGNATIONS	TRACK TYPE	IN CHARGE OF	Note
Sunnyside Yard	Trk Nos. 37 (Wheel 3), 38 (Wheel 4), & 39 (Wheel 5) of the Locomotive & Coach Repair Shop between 50 feet west of derail on west end and 50 feet east of derail on east end.	Car Shop Repair Track	Coach Shop Mechanical Supervisor, Sunnyside Yard	1
Sunnyside Yard	Engine House Track & Engine Ready Track of the Locomotive & Coach Repair Shop between the "Entering Engine House Territory" signs posted outside the building limits.	Locomotive Servicing Track	Engine House Mechanical Supervisor, Sunnyside Yard	1
Sunnyside Yard	S&I Tracks 1& 2 of the High-Speed Rail Building	Locomotive Servicing and Car Shop Repair Track	High Speed Rail Supervisor, Sunnyside Yard	1
Sunnyside Yard	1-36	Yard Track	Sunnyside Yardmaster	1

Note 1: The employee in charge of these tracks must grant verbal or signal permission prior to occupying, beginning movement, or making the track inaccessible.

L. *98-T3. Control of Yard Tracks and Track Designation Interlocking

03/02/26

98-T3 is deleted and relocated to 98-T2.

M. *98-T4. Q Switching Center

03/02/26

98-T4 is deleted and relocated to 98-T1.

N. 104-T3. Sunnyside Yard - Movement Restrictions

10/06/25

104-T3 is modified. Q & R Switching Centers and T & Loop are now controlled by SECTION S. All mentions of Operator have been replaced with SECTION S.

At most locations in Sunnyside Yard, movement from 2 or more-yard tracks into Q and R Switching Centers are governed by a common signal. At these locations, trains operating from Sunnyside Yard to Q or R must obtain verbal permission from SECTION S before accepting the signal or fouling the switches prior to the signal.

O. 277-T3. Harold Interlocking

10/10/25

277-T3 is modified. The 65E and 55W signals now govern movements on the Eastbound Reroute Track, not the Long Island Freight Track.

1. Eastward Signals

- A white arrow is in service on the eastward Interlocking Signal No. 65E (On the Eastbound Reroute Track 2124 feet east of MP 3.7.)

An Illuminated arrow indicates that the route is lined to the Port Washington Branch.

All Amtrak trains scheduled for the NYS Line must stop clear of the interlocking signal if the arrow is lighted and contact PSCC immediately for instructions.

2. Westward Signals

- A white arrow is in service on the westward interlocking signal (55W Signal) located on the Eastbound Reroute Track.

An illuminated arrow indicates route is lined to Grand Central Terminal Branch.

All trains scheduled for Penn Station New York must stop clear of the interlocking signal if the arrow is lighted and contact PSCC immediately for instructions.

V. Main Line: New York to Philadelphia (NYP)

A. PC: Tracks Out of Service (Lack and Erie)

02/14/26

In conjunction with the installation of the Portal North Bridge, the following PC Change is in effect.

No. 3 Track is out of service between Lack and a barricade erected 150 feet east of the 3W signal at Lack.

B. PC: Barracks Yard – Switch Out of Service

10/18/22

The hand switch on the Naught Running Track at MP 56.1 Barracks Yard is out of service and must remain in the Normal position.

C. PC: Newark Penn Station Platforms Out of Service

09/23/24

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors with the out-of-service portion of the station platform.

Two portions of the station platform on No. 1 Trk at Newark Penn Station are out of service.

1. The out of service portion is located between the west end of the platform to a barricade erected 40 feet west of Location No. 2.

D. PC: North Elizabeth Station Platforms Out of Service

03/10/23

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors within the out of service portion of station platform(s).

1. A portion of the station platform on No. 1 Track at North Elizabeth Station is out of service. The out of service portion is located between the west end of the platform to a barricade erected 175 feet east.
2. The low-level platform at the western end of the station for station stops across No. 1 Trk has been removed from service. A single section of low-level platform at the eastern end of the station has been installed for station stops from No. 3 Trk and No. 2 Trk across No. 1 Trk.

E. PC: Edison Station Platforms Out of Service

09/10/24

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors within the out of service portion of station platform(s).

1. A portion of the station platform on 4 Track at Edison Station is out of service. The out of service portion is located between the west end of the platform to a barricade erected 262 feet east.
2. The low-level platform at the western end of the station for station stops across No. 4 Trk has been removed from service. A single section of low-level platform at the eastern end of the station has been installed for station stops from No. 3 Trk across No. 4 Trk.

F. PC: Trenton Station- Station Platforms Out of Service

09/17/24

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors within the out of service portion of station platform(s).

1. A portion of the station platform on 5 Track at Trenton Station is out of service. The out of service portion is located between the west end of the platform to a barricade erected 120 feet east.
2. A portion of the station platform on 4 Track at Trenton Station is out of service. The out of service portion is located between the west end of the platform to a barricade erected 120 feet east.
3. A portion of the station platform on 1 Track at Trenton Station is out of service. The out of service portion is located between the west end of the platform to a barricade erected 248 feet east.
4. A portion of the station platform on South High Track at Trenton Station is out of service. The out of service portion is located between the west end of the platform to a barricade erected 50 feet east.

G. PC: North Philadelphia Station Platforms Out of Service

06/11/21

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors within the out-of-service portion of the station platform.

The east and west end of the station platforms on No. 1 & No. 4 tracks are Out of Service for passenger use and sectioned off by erected barriers. There are 265 feet in the center of each platform for trains to discharge passengers.

H. PC: Between Lack and Hudson Interlocking

Dates Below

In conjunction with the installation of the Portal North Bridge, the following PC Changes are in effect.

1. Track Changes Between Lack and Swift MP 6.9

02/14/26

- 11,705 Feet of new track, designated as No. 3 Track, has been constructed between Lack and the western limits of Swift.
- 7,762 Feet of new track, designated as No. 2 Track, has been constructed between the eastern limits of Portal and the western limits of Swift.
- 960 Feet of new track, designated as A Track, has been constructed from the clearance point of the No. 27 Switch in Portal to a barricade erected 190 Feet east of the No. 7W Signal at Portal.
- Old No. 2 Track between Lack and the western limits of Old Swift is now designated as the No. 22 Track.
- Old No. 3 Track between Lack and the western limits of Old Swift is now designated as the No. 33 Track.

2. Portal Interlocking MP 5.8

02/14/26

A new Portal Interlocking has been constructed at MP 5.8

a) Portal Signals

- A new westbound home signal, No. 3W, has been erected 2,344 Feet west of Lack, for westbound moves from No. 3 Track to No. 3 Track.
 - No. 3W Signal is a color position light signal mounted on a signal bridge capable of displaying:
 - Rule 280a- Clear to Next Interlocking
 - Rule 281- Clear
 - Rule 281a- Cab Speed
 - Rule 281b- Approach Limited
 - Rule 285- Approach
 - Rule 290- Restricting
 - Rule 292- Stop Signal
- A new westbound home signal, No. 7W has been erected 1,101 Feet west of Lack, for westbound moves from A Track to No. 2 or No. 3 Track.
 - No. 7W Signal is a color position light signal mounted on a signal bridge capable of displaying:
 - Rule 280a- Clear to the Next Interlocking
 - Rule 281a- Cab Speed
 - Rule 281b- Approach Limited
 - Rule 285- Approach

- Rule 290- Restricting
- Rule 292- Stop Signal
- A new eastbound home signal, No. 3E, has been erected 4,208 Feet east of Swift, for eastbound moves from No. 3 Track to No. 3 or A track.
 - No. 3E Signal is a color position light signal mounted on a signal mast capable of displaying:
 - Rule 280a- Clear to the Next Interlocking
 - Rule 281- Clear
 - Rule 281a- Cab Speed
 - Rule 281b- Approach Limited
 - Rule 285- Approach
 - Rule 287- Slow Approach
 - Rule 290- Restricting
 - Rule 292- Stop Signal

b) Portal Switches

- A new crossover, No. 37 Switch, is installed for moves between No. 3 Track and A Track. The eastbound facing points of this new switch are 558 Feet east of the eastbound home signal to Portal on No. 3 Track.
- A new turnout, No. 27 Switch, is installed for moves between No. 2 Track and A Track. The eastbound facing points of this new switch are 229 Feet east of the eastbound home signal to Portal on No. 2 Track.

3. Old Portal Interlocking

a) Old Portal Signal Changes

- No. 2E Signal governing eastbound movements on No. 22 Track at Old Portal is now designated as the No. 22E Signal.
- No. 3E Signal governing eastbound movements on No. 33 Track at Old Portal is now designated as the No. 33E Signal.
- No. 3W Signal governing westbound movements on No. 33 Track at Old Portal is now designated as the No. 33W Signal.
- No. 2W Signal governing westbound movements on No. 22 Track at Old Portal is now designated as the No. 22W Signal.

b) Old Portal Switch Changes

- No. 27 Switch at Old Portal is now designated as the No. 227 Switch.
- No. 37 Switch at Old Portal is now designated as the No. 337 Switch.

4. Swift Interlocking MP 6.9

02/14/26

A new Swift Interlocking has been constructed at MP 6.9

a) Swift Signals

- A new westbound home signal, No. 3W, has been erected 4,208 Feet west of Portal, for westbound moves from No. 3 Track to No. 2, 3, or 5 Track.
 - No. 3W is a color position light signal mounted on a signal bridge capable of displaying:
 - Rule 280a- Clear to the Next Interlocking
 - Rule 281- Clear
 - Rule 281a- Cab Speed
 - Rule 281b- Approach Limited
 - Rule 282a- Advanced Approach
 - Rule 285- Approach
 - Rule 287- Slow Approach
 - Rule 290- Restricting

- Rule 292- Stop Signal
- A new eastbound home signal, No. 3E, has been erected 3,603 Feet east of Hudson, for eastbound moves from No. 3 Track to No. 2 or 3 Track.
 - No. 3E is a color position light signal mounted on a signal mast capable of displaying:
 - Rule 280a- Clear to the Next Interlocking
 - Rule 281- Clear
 - Rule 281a- Cab Speed
 - Rule 281b- Approach Limited
 - Rule 285- Approach
 - Rule 290- Restricting
 - Rule 292- Stop Signal
- A new eastbound home signal, No. 5E, has been erected 2,893 Feet east of Kearny Jct, for eastbound moves from No. 5 Track to No. 2 or 3 Track.
 - No. 5E is a color position light signal mounted on a signal bridge capable of displaying:
 - Rule 280a- Clear to the Next Interlocking
 - Rule 281a- Cab Speed
 - Rule 281b- Approach Limited
 - Rule 290- Restricting
 - Rule 292- Stop Signal

b) Swift Switches

- A new crossover, No. 23 Switch, is installed for moves between No. 2 Track and 3 Track. The westbound facing points of this new switch are 102 Feet west of the westbound home signal to Swift on No. 3 Track.
- A new crossover, No. 32 Switch, is installed for moves between No. 3 Track and 2 Track. The eastbound facing points of this new switch are 2066 Feet east of the eastbound home signal to Swift on No. 3 Track.
- A new turnout, No. 53 Switch, is installed for moves between No. 3 Track and 5 Track. The westbound facing points of this new switch are 2392 Feet west of the westbound home signal to Swift on No. 3 Track.

5. Old Swift Interlocking

02/14/26

a) Old Swift Signal Changes

- No. 5E and 33E Signals at Old Swift have been permanently removed from service within Old Swift.
- No. 2E signal governing eastbound movements on No. 22 Track at Old Swift is now designated as the No. 22E.
- No. 3E signal governing eastbound movements on No. 33 Track at Old Swift is now designated as the No. 33E.
- No. 2W signal governing westbound movements on No. 22 Track at Old Swift is now designated as the No. 22W.
- No. 3W signal governing eastbound movements on No. 33 Track at Old Swift is now designated as the No. 33W.

b) Old Swift Switch Changes

- No. 53 Switch at Old Swift has been permanently removed from service.
- No. 23 Switch at Old Swift is now designated as the No. 2233 Switch.
- No. 32 Switch at Old Swift is now designated as the No. 3322 Switch.
- No. 62 Switch at Old Swift is now designated as the No. 622 Switch.

I. Station Page

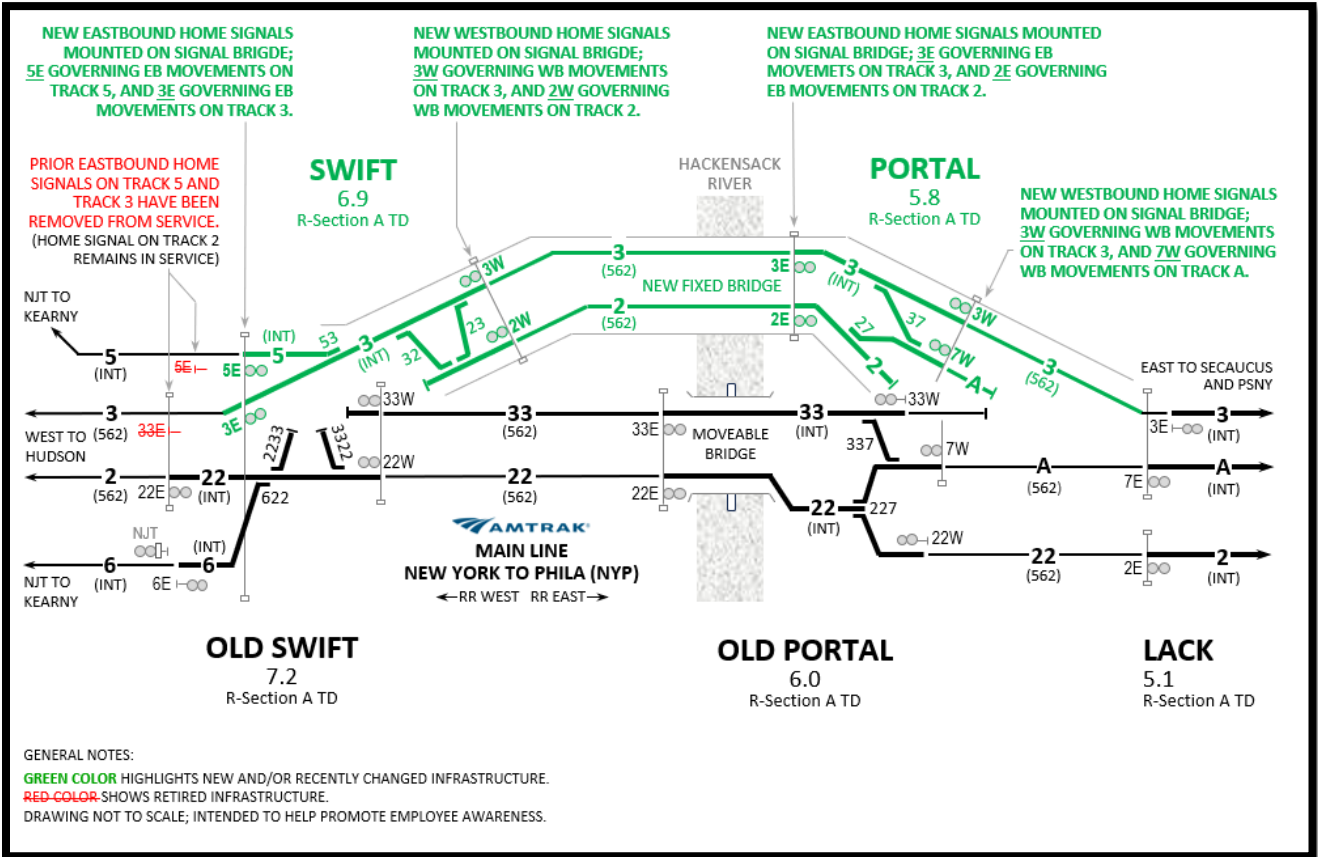
02/14/26

The Station Page is modified.

New Interlockings Portal & Swift are added.

STATIONS		MP	INT	PS	NOTES
ERIE	R-Section A TD	4.7	X	...	15
SECAUCUS		5.0	...	X	...
LACK	R-Section A TD	5.1	X	...	15
PORTAL	R-Section A TD	5.8	X	...	15
OLD PORTAL	R-Section A TD (Moveable Bridge)	6.0	X	...	15
SWIFT	R-Section A TD	6.9	X	...	15
OLD SWIFT	R-Section A TD	7.2	X	...	15

(Track Diagram is for reference use only & subject to change)



J. 240-N1. Signal Rules and Current of Traffic

02/14/26

240-N1 has been modified.

Old Swift & Hudson No. 3 Trk is removed.

Bergen & Hudson is modified to Bergen and Lack.

Lack & Old Swift: No. 22 & 33 tracks have been added.

Note 8 is modified to include cab signal failure.

Locations	Tracks from North to South				
	4	3	2	1	Notes
A & Bergen	...	562	562	...	6
Bergen & Lack	...	562/Int	562/Int	...	7,8
Allied & Old Portal: No. A Trk	562/Int				7,8
Erie & Lack: No. B Trk	562/Int				7,8
Lack & Old Swift: No. 22 & No. 33 Tracks	562/Int				7,8
Lack & Portal	...	562	...	...	7,8

Locations	Tracks from North to South				
	4	3	2	1	Notes
Portal & Swift	...	562	562	...	...
Old Swift & Hudson	...	...	562/Int	...	7,8
Swift & Hudson	...	562	...	...	...
Hudson & Rea	...	562/Int	562/Int	Int	3,7,8

Note 8: Trains experiencing cab signal failure while making reverse movements must be made in accordance with 562 rules.

K. 37-N1. Passenger Trains and Freight Trains Maximum Speeds and Speed Restrictions, Unless Otherwise Restricted **01/12/26**

37-N1 is modified.

The Wall and Hill Tracks at Fair Int no longer exist and are deleted.

Lack and Old Swift: No. 22 & 33 Trks are added

Lack & Portal: No. A Trk is modified to Lack & Old Portal: No. A Trk.

Train Types C and D speeds between Bergen & NY MP 7.7 are consolidated with Train Types A and B speeds for improved clarity.

Freight Type E speeds are modified to include Lack & Old Swift: Nos. 22 and 33 Trks.

1. Passenger Trains Maximum Speeds and Speed Restrictions, Unless Otherwise Restricted

PASSENGER TRAIN TYPE "A", "B", "C" & "D" SPEEDS																
Between /At	Train Type "A"				Train Type "B"				Train Type "C"				Train Type "D"			
	Track Nos.				Track Nos.				Track Nos.				Track Nos.			
	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1
Bergen & NY MP 7.7	...	90	90	...	...	90	90	...	...	90	90	...	...	75	75	...
Allied & Erie: No. A Trk	75															
Erie & Lack: No. A Trk	45															
Erie & Lack: No. B Trk	60															
Lack & Old Portal: No. A Trk	70				70				70				60			
Lack & Old Swift: Nos. 22 and 33 Trks	90				90				90				75			
Portal Movabl e Br (MP 6.1): Nos. 22 and 33 Trks	60															
NY MP 7.7 & Hudson	...	60	60	...	...	60	60	...	...	60	60	...	...	45	45	...

PASSENGER TRAIN TYPE "A", "B", "C" & "D" SPEEDS																
Between /At	Train Type "A"				Train Type "B"				Train Type "C"				Train Type "D"			
	Track Nos.				Track Nos.				Track Nos.				Track Nos.			
	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1
Int																
Fair Int: No. 7 Trk, South High, North Low	15															

2. Freight Trains Maximum Speeds and Speed Restrictions, Unless Otherwise Restricted

FREIGHT TRAIN TYPE "E" SPEEDS				
Between/At	Train Type "E"			
	Track Nos.			
	No. 4	No. 3	No. 2	No. 1
West Portal North River Tunnels & Eastern limits Hudson Int	...	20	20	...
Allied & Old Portal: Nos. A & B Trks	20			
Lack & Old Swift: Nos. 22 and 33 Trks	20			
Fair Int. No. 7 Trk, South High, North Low	5			

L. 277-N3. Non-Conforming Aspect: Old Portal to Old Swift

02/14/26

277-N3 has been modified.

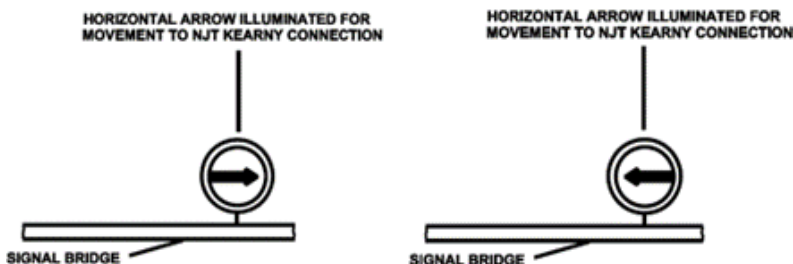
Old Swift has directional arrows in service for diverging moves from No. 22 Trk to No. 6 Trk.

White directional indicator arrows are in service for westward movements on No. 22 tracks at MP 6.3 and home signals at Swift.

1. Old Swift

- When route at Old Swift is lined for diverging movement to NJT Kearny Connection from No. 22 track to No. 6 track, directional indicator arrows will display at both Old Swift and MP 6.3.

Trains receiving route indication not proper for train's destination must stop east of Old Swift Interlocking and contact the Section A Dispatcher for instructions.



I. Morrisville Line – New Jersey Transit (MV)

No changes or additions.

II. Main Line: Philadelphia to Washington (PW)

A. PC: Baltimore Station Platforms Out of Service

03/08/23

1. Platform 2

The North end of platform 2 located between No. 1 and No. 3 track is in service from a barricade erected 576 feet North to the end of the platform for Amtrak employees and contractors only.

B. PC: BWI Station Platform Out of Service

02/09/26

Effective 12:01 Monday, February 9, 2026, until 12:01 AM Friday, April 24, 2026

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors within the out-of-service portion of the station platform.

A portion of the station platform on No. 1 Track at BWI is out of service. The out-of-service portion is located from the south end of the platform to a barricade erected 600 feet north.

C. PC: New Carrollton Station Platforms Out of Service

04/24/23

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors within the out of service portion of station platform(s).

5. The existing platform adjacent to Track No. 2 and No. 3 is out of service between the south end of platform and a barricade erected 470 feet north.

D. PC: Bay to Point: Civil Speed Enforcement

02/07/26

Between MP 91.8 & Point (90.1) No. 1, 2, & 3 Trks

Clear cab signal will be provided after exiting Point Interlocking when:

- Approaching 919-3 displaying Clear
- Approaching 919-2 displaying Approach Limited or Clear
- Approaching Bay 1S displaying Approach or Clear

E. PC: Baltimore Station

07/19/25

1. AC Electrical Operations

- No 3. Track is out of service for electrical operation between the No. 43 switch at Paul and the No. 13 switch at Charles.
- No. 1 Track is out of service for electrical operation between No. 13 switch at Charles and the AC Motor Sign located 956 feet south of the No. 61 switch at Paul.
- The portion of No. 1 track between the No. 61 switch at Paul and the AC Motor Stop Sign is in service for electrical operation.

2. AC Motor Stop Signs

- AC Motor Stop Signs have been erected on No.3 track and located 175 feet south of the No. 43 switch at Paul (31 feet north Pole D1313) and 109 feet north of the No. 13 switch at Charles (Pole D1325).
- AC Motor Stop Signs have been erected on No. 1 track and located 956 feet south of the No. 61 switch at Paul (Pole D1311) and 216 feet north of the No. 13 switch at Charles (Pole D1324).

F. *PC: Landover Interlocking

03/02/26

1. Signals – Retired:

- Southbound signals retired and removed: 1S, 2S and 3S
- Northbound signals retired and bagged: 2N and 3N.

2. Signals – Relocated:

The signal on No. 1 Track (1S signal) governing southbound movement is in service and installed 70 feet north of the Rte. 202 overpass. The signal is capable of displaying the following aspects:

- Rule 292 - Stop Signal
- Rule 291 - Stop and Proceed
- Rule 290 - Restricting

- Rule 285 - Approach
- Rule 281 - Clear

3. AC Electrical Operations

The overhead catenary is not installed on Trk No. 1 between Burgos and Landover.

G. PC: Bush to Oak Automatic Signal Removal

10/06/25

1. Signals Removed

- Northbound automatic signal 696 on No. 2, 3, 4 Tracks has been removed.
- Southbound automatic signal 695 on No. 2, 3, 4 Tracks has been removed.
- Northbound automatic signal 672 on No. 2, 3, 4 Tracks has been removed.
- Southbound automatic signal 673 on No. 2, 3, 4 Tracks has been removed.
- Northbound automatic signal 652 on No. 2, 3, 4 Tracks has been removed.
- Southbound automatic signal 651 on No. 2, 3, 4 Tracks has been removed.

H. PC: Bush Int

10/06/25

1. Signal Aspects

- Home Sig (No. 3N) governing Northbound Movement on No. 3 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking.
- Home Sig (No. 2N) governing Northbound Movement on No. 2 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking.

I. PC: Oak Int

10/06/25

1. Signal Aspects

- Home Sig (No. 4N) governing Northbound Movement on No. 4 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking
- Home Sig (No. 3N) governing Northbound Movement on No. 3 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking
- Home Sig (No. 2N) governing Northbound Movement on No. 2 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking
- Home Sig (No. 1S) governing Southbound Movement on No. 2 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking
- Home Sig (No. 3S) governing Southbound Movement on No. 3 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking
- Home Sig (No. 4S) governing Southbound Movement on No. 4 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking

J. PC: Grace Int

10/06/25

1. Signal Aspects

- Home Sig (No. 3S) governing Southbound Movement on No. 3 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking
- Home Sig (No. 2S) governing Southbound Movement on No. 2 Trk. The signal is capable of displaying the additional aspect of Rule 280a- Clear to the Next Interlocking

K. PC: Davis Interlocking

11/24/25

1. Chrysler Yard

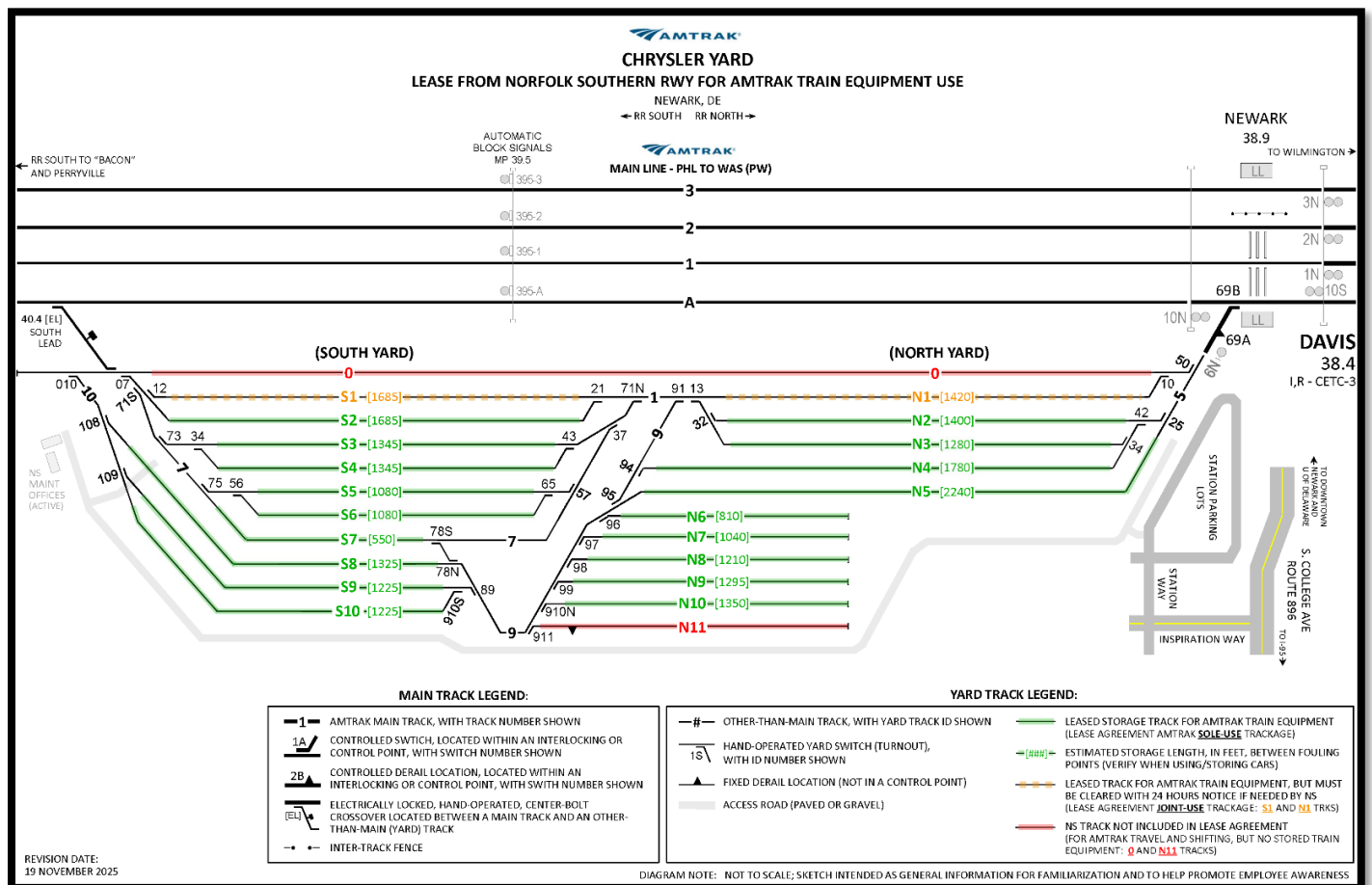
NS Chrysler Yard is now available for Amtrak use. The Yard is adjacent to No. "A" Trk at MP 38.9.

Trains and equipment can access the yard from No. "A" Trk at the 10S Signal at Davis Interlocking or on the south end of the yard at the electric lock switch on No. "A" track at MP 40.4.

Track Designation	Total Length (feet)
S1	1,685

S2	1,685
S3	1,345
S4	1,345
S5	1,080
S6	1,080
S7	550
S8	1,325
S9	1,225
S10	1,225
N1	1,420
N2	1,400
N3	1,280
N4	1,780

(Map is for Reference Use Only on next page)



L. Station Page

01/11/26

The Station Page is modified.

Notes 15 & 16 are relocated to Rule 98-P1.

Note 16 is relocated to the Wilmington Maintenance Facility Yard Bulletin.

Chrysler yard is added.

STATIONS		MP	INT	PS	NOTE
DAVIS	R- See SI 900-P1 (Reybold Branch, NS) (Chrysler Yard)	38.4	X	...	22

M. 240-P1. Signal Rules and Current of Traffic

10/20/25

240-P1 is modified. No. 4, 3, and 2 Trks are now 562 Territory.

Locations	Tracks from West to East					Notes
	4	3	2	1	Other	
Grace & Bush	562	562	562	...	...	...

N. 37-P1. Passenger Trains and Freight Trains Maximum Speeds and Speed Restrictions, Unless Otherwise Restricted

11/05/25

37-P1 is modified.

Penn Int signal speeds are added for Train Type C & D. Perry Int speeds are added for Train Type C & D.

“Northern Limits” is removed from Bacon and Northern Limits of Prince.

“Limits of Prince Interlocking” is deleted and incorporated into “Prince & Perry”.

“Southern Limits” of Prince & Northern Limits” of Perry are removed from Prince & Perry.

PASSENGER TRAINS																
Between/At	Train Type “A”				Train Type “B”				Train Type “C”				Train Type “D”			
	Track Nos.				Track Nos.				Track Nos.				Track Nos.			
	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1
Penn Int signal located 100 feet south of Walnut St OH Br & South limits Penn Int	45	...	...	45	30	...	...	30	30	...	...	30	30	...	...	30
Bacon & Prince	...	130	130	...	...	130	130	...	...	110	110	...	...	80	80	...
Cvs MP 53 & 1000 ft. south of MP 54	...	125	125	...	...	105	110	...	...	105	...	...	...	...	...	...
Cv MP 57	...	115	115	...	...	95	95	...	...	95	95	...	...	...	...	...
Prince & Perry	60	115	115	60	60	110	110	60	60	110	110	60	50	90	80	60
Perry Int	60	110	110	60	60	110	110	60	60	110	110	60	50	90	80	60

O. 34-P4. Engine Changes: Trains Originating or Terminating in Philadelphia

02/25/26

34-P4 is modified. Penn Coach Yard “Yardmasters” designated.

- Outbound crews for trains originating 30th St. Station, trains from Harrisburg en route to New York, or from New York en route to Harrisburg must contact the PCY Yardmaster for disposition of outbound train/locomotive(s).
If unable to contact PCY Yardmaster, call CETC for assistance.
- Inbound crews for trains terminating 30th St. Station, trains from Harrisburg en route to New York, or from New York en route to Harrisburg must contact the CETC-5 Dispatcher for disposition of inbound train/locomotive(s) upon arrival.

P. 34-P6. Passenger Exterior Side Door Safety Rules for Keystone Trains**12/15/25**

34-P6 is new. When equipment has locomotives on both ends, Conductors and Trainmen must contact CETC section 6 or C & have mechanical meet the train in Philadelphia.

1. Responsibilities of the Conductor and Trainmen

To assist Mechanical in their responsibilities listed in 34-S8, when operating a Keystone Train with Locomotives on both ends of their equipment to Philadelphia, the Conductor must notify CETC Section 6, or CETC Section C, to have Mechanical meet the train in Philadelphia to change the Blue Communication Cables.

Q. 40-P3. SEPTA Silverliner IV Restriction**10/13/25**

40-P3 is new. SEPTA Silverliner IV equipment is prohibited from operating on the tracks identified below.

SEPTA Silverliner IV (GE) Nos. 101-188, 270-499 are prohibited from operating on Station Tracks 1-10, and No. 11 Running Track in Penn Interlocking. If no other routes are available, movement may be authorized by the Manager of Train Operations.

R. 47-P5. Reconfiguring Pantographs for WYE Moves in Philadelphia**12/01/25**

47-P5 is new. Wye moves at Philadelphia Terminal must reconfigure their pantographs accordingly.

Amtrak Trains making WYE moves in Philadelphia Terminal must reconfigure their pantographs in 30th Street Station or Penn Coach Yard to ensure Mechanical can respond promptly.

S. 98-P1. Other Than Main Track Designations, Types, and Responsibilities**02/27/26**

98-P1 is modified. Penn Coach Yard "Yardmasters" designated.

LOCATION	TRACK DESIGNATIONS	TRACK TYPE	IN CHARGE OF	Note
Penn Coach Yard	Spur, Pit, & 1-4 Race	Locomotive Servicing Track	Race Street Engine House Foreman	1, 2, 3
Penn Coach Yard	20-26	Yard Track	PCY Yardmaster	1, 3
Penn Coach Yard	28-37	Locomotive Servicing and Car Shop Repair Track	PCY Yardmaster	1, 3
Penn Coach Yard	Car Shop 1 & 2	Car Shop Repair Track	Car Shop Repair Foreman	1, 3
Penn Coach Yard	No. 1 & 2 Lead, MH & Junction	Yard Track	PCY Yardmaster	1, 3
Zoo Yard	A, B, C, D	Yard Track	PCY Yardmaster	1
Wilmington Shops	Wilmington Shop Lead, Wilmington Shops 1-8, Fuel Track	Locomotive Servicing Track	Wilmington Back Shop Foreman	1, 4
Wilmington Shops	Back Shop 10-22, Fuel Track to Building 3	Yard Track	Wilmington Back Shop Foreman	1, 4
Wilmington Shops	North of the Transfer Table	Yard Track	...	5
Wilmington Shops	All other Yard Tracks	Yard Track	...	...
Chrysler Yard	All Yard Tracks	Yard Track	...	6

Note 1: The employee in charge of these tracks must grant verbal or signal permission prior to occupying, beginning movement, or making the track inaccessible.

Note 2: Train crews en route to Penn Coach Yard must not proceed beyond No. 1 or 2 lead, or North of the Junction between the MH and No. 37 Lead, unless they have contacted the PCY Yardmaster to receive specific movement instructions.

Note 3: Any unusual conditions, such as down wire, derailment, or track conditions, etc., must be reported PCY Yardmaster on the radio (023-023) or 215-349-3363.

Note 4: Wilmington Back Shop Foreman can be reached at 302-429-6430

Note 5: Unless otherwise authorized, restricted to Maintenance of Way equipment.

Note 6: Unless otherwise authorized, Maintenance of Way equipment is prohibited from being stored on this track

T. 98-P2. Wilmington Maintenance Facility**01/11/26**

98-P2 is deleted and relocated to 98-P1.

U. 104-P2. Switches Equipped with Electric Locks**10/10/25**

104-P2 is modified. The Switch at MP 15.8 is modified to MP 15.6 from No. 1 Trk to Naught Trk.

The following hand-operated switches are equipped with an electric lock; permission to occupy Main Track, Interlocking or Controlled Siding must be obtained from the Dispatcher before lock is removed from keeper

1. SWITCHES EQUIPPED WITH ELECTRIC LOCKS

Locations	Switch	Controlled By	Notes
MP 15.6	No. 1 trk to Naught trk	...	1

V. 116-P1. Operating Train from Other Than Leading End - Penn and Zoo Interlocking 02/02/26

116-P1 is retitled.

Engineers may operate from other than the leading end of the movement when the movement would not exceed one train length beyond Penn and Zoo Interlocking.

W. 116-P2. Operating Train from Other Than Leading End - Martins MARC Facility 02/02/26

116-P2 is new.

The Engineer may operate from other than the leading end of the movement when the movement would not exceed one train length beyond the hand-operated switch at MP 83.5 on "A" Track.

III. Washington Terminal (WT)

A. PC: Tracks Out of Service 08/22/16

1. West Storage Lead Track

West Storage Lead Track is out of service from a barricade erected 900 feet west of the T Street Road crossing to the CSX signal.

B. *PC: Washington Terminal Platforms Out of Service 03/02/26

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors within the out-of-service portion of the station platform.

1. No. 10 & 11 Tracks 03/02/26

The northern end of the station platform between 10 and 11 tracks is out of service from the north end of the platform to a wooden barricade erected 39 feet south.

2. No. 11 & 12 Tracks 02/27/26

The Station platform between 11 and 12 tracks is out of service for passengers and employees in its entirety.

3. 15 Track 11/08/24

A portion of the station platform adjacent to the west of 16 track is out of service for passenger use from the bumping block to a barricade erected 176 feet north.

4. 16 Track 11/08/24

A portion of the station platform east of 16 track is out of service from the north end of the low-level platform to a barricade erected 159 feet north of the bumping block.

5. No. 17 Track 05/24/21

A portion of the station platform on 17 track is out of service in 80-foot portions, designated by barricades.

6. No. 26 Track 07/27/20

A portion of the station platform on 26 track is out of service between the southern limit of the platform to a barricade erected 330 feet north.

C. 36-W10. Securing Equipment 01/05/26

36-W10 is deleted. Equipment Chocking requirements are contained in AMT-3 rule 2.14.

D. 43-W1. Ivy City Maintenance Facility 01/05/26

43-W1 is modified. The engine bell must be sounded when entering or moving within the building is relocated to SI 43-S2.

A crewmember must be positioned on the apron outside the Ivy City Maintenance Facility Building on Nos. 5 through 8 Trks to ascertain there are no conflicting vehicular movements.

E. *47-W6. Wedge Yard

03/02/26

47-W6 is new.

Wedge Yard tracks are not equipped for AC electrical operation. All tracks are equipped with a derail at the south end.

All movements into and out of Wedge Yard must contact the Wedge Yard Foreman for permission. Movements within the Wedge Yard are made under the direction of the MARC Supervisor on duty.

F. *98-W1. Other than Main Track Designations, Types, and Responsibilities

03/02/26

98-W1 is retitled and replaced in its entirety. Radio channels are located in 706-W1.

LOCATION	TRACKS	TRACK DESIGNATION	IN CHARGE OF	Note
Washington Union Station	7-16, & 30 Tracks	Other than Main Track	K-Tower Train Director	1,2
WYE Bridge	All Tracks	Other than Main Track	K-Tower Train Director	1,3
Coach Yard	50, 51 & 52 Tracks	Yard Track	K-Tower Train Director	1
Wedge Yard	All Tracks	Yard Track	Wedge Yard Foreman	1, 4
Ivy City Maintenance Facility	1 & 2 Tracks Main Shop, between derail on south end to fouling point of switch (No. 904) connecting with Trk 3 at north end	Locomotive Servicing and Car Shop Repair Track	Engine House Foreman	1
Ivy City Maintenance Facility	Loco Storage 1 & 2, Track 23 between the fouling point of switch (No. 988) connecting with Track 19 at the south end and the fouling point of switch (No. 940) connecting with Trk 9 at the north end	Locomotive Servicing and Car Shop Repair Track	Motor Pit Foreman	1
Ivy City Maintenance Facility	Trks 9, 10, 11 & 12, within High-Speed Rail Building	High Speed Rail Servicing Track	High Speed Rail Foreman	1
Ivy City Maintenance Facility	Annex Building Trks 24, 25, 26, 27 between the fouling point of the 915 switch and fouling point of the 958 switch, 34, 35, and Turntable Trk	Locomotive Servicing and Car Shop Repair Track	Diesel Pit Foreman	1
Ivy City Maintenance Facility	Trk 19, 36, 37	Yard Track	Yardmaster	1
Ivy City Maintenance Facility	All other Ivy City Maintenance Facility Trks	Locomotive Servicing and Car Shop Repair Track	An employee who establishes blue signal protection; controlled by Yardmaster at other times	1

Note 1: The employee in charge of these tracks must grant verbal or signal permission prior to occupying, beginning movement, or making the track inaccessible.

Note 2: End-of-track indicators displaying two red lights are installed at the south end of Station Tracks 7 through 16 to indicate the end of the track. The two red lights are not signal aspects.

Note 3: Movements through Wye Bridge Switching Center are governed by the indications of fixed signals controlled by the Train Director, K Tower. Wye Bridge Switching Center is not an Interlocking, however Interlocking Rules 600 through 616 govern operations at Wye Bridge Switching Center. All southward movements on 51 Trk must clear the southern limits of Wye Bridge Switching center (Sig No. 613) prior to making a reverse movement, unless otherwise instructed by the Train Director.

Note 4: Movements into and out of Wedge Yard must contact the Yardmaster for permission. Movements within Wedge Yard are made under the direction of the MARC Supervisor on duty.

G. *98-W2. Wye Bridge Switching Center

03/02/26

98-W2 is deleted and relocated to 98-W1.

H. *98-W3. Control of Yard Tracks**03/02/26***98-W3 is deleted and relocated to 98-W1.***I. *98-W4. Wedge Yard****03/02/26***98-W4 is deleted and relocated to 47-W6.***J. *116-W1. Operating Train from Other Than Leading End- Washington Terminal****03/02/26***116-W1 is replaced and retitled in its entirety.*

1. A back-up hose must be used when backing or shoving cars in Washington Terminal.

Exception: Use of a back-up hose is not required when:

- Switching with 5 cars or less in Ivy City Maintenance Facility Shop tracks.
- Coach Yard
- Wye Bridge Switching Center

2. Engineer may operate from other than the leading end of the movement at Restricted Speed, not exceeding 15 MPH between:

- CP Avenue and CP Virginia
- Coach Yard and Ivy City Maintenance Facility
- Wye Bridge Switching Center

K. *104-W3. Crossover Switches- T-Street Crossing**03/02/26***104-W3 is new.*

Movements operating on the Short Leg or West Leg of the Wye must first clear the crossover switches at T-Street Crossing (between the West Storage Lead and the West Wye Lead), before changing direction.

L. 706-W1. Radio Channels**11/07/25**

706-W1 is modified. Radio Channel 020-020 is added. Note 8 is added. Radio Channel 023-023, 023 Amtrak Yard has been replaced with radio channel 084-012, Washington 1 yard repeater, note 4 is removed.

Radio Channel	Channel Name	In Service Between/At	Monitored Channel	Notes
020-020	020 CSX Disp	CSX – BD Dispatcher, RF&P Subdivision, DTMF-3	x	8
084-012	WAS 1 Yard Rpt	All train movement within Coach Yard & Ivy City including Wye Switching Center	x	6, 7
Note 8: Adjoining railroad.				

IV. Main Line: Philadelphia to Harrisburg (PH)**A. PC: Overbrook Station Platforms Out of Service****06/16/24**

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors within the out of service portion of station platform(s).

The existing low-level platforms installed for stops from Track 3 across Track 4 are out of service. A temporary low-level platform is installed for station stops from Track 3 across Track 4 at the western limit of the station platform.

B. PC: Ardmore Station – High Level Platforms**01/10/22**

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors between the construction areas.

Due to ongoing construction, new low-level platforms have been temporarily installed and are in service on No. 1 and No. 4 track. The high-level platforms on No. 1 track and No. 4 track are out of service and fully barricaded off. The new low-level platforms are 209 feet in length and located west of the high-level platforms.

C. PC: Saint David's Station Platform Out of Service **07/01/24**

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors within the out of service portion of station platform(s).

St. David's platform is out of service from barricade 50 feet east of the west end of the platform on No.4 track.

Close clearance conditions exist by the barricade.

D. PC: Lancaster Station Platforms Out of Service **10/23/23**

1. No. 7 Track

The station platform on No. 7 track at Lancaster Station is out of service.

E. PC: Lancaster Station Platform **11/07/25**

1. No. 2 Track

The station platform on the No. 2 track at Lancaster Station has been reconstructed. The platform is high-level and 800' in length.

ADA bridge plates are located 40 feet east of the baggage elevator and 60 feet west of the passenger elevator.

F. PC: Harrisburg Station Platforms Out of Service **09/02/24**

To ensure passenger and crew safety, crews must spot trains accordingly and not open coach doors where scaffolding exists on the station platforms.

Due to continuous construction, scaffolding exists on all station platforms in Harrisburg. The platforms will remain in service during construction.

No diesel engines or On-Track Equipment are to be parked under the roof due to diesel/engine fumes and possible sparks emitting from the engines. All diesel engines and On-Track Equipment must pull west/east of the roof.

Note: On Track 4, Train 43 must stop the engine window at the "X" marked on the pavement to ensure the proper placement of the baggage car on the west end of the station platform.

G. PC: Frazer Interlocking MP 23.9 **02/14/26**

- The Home Signal on Frazer Middle Track (8E) governing eastbound movements is being upgraded to a color position signal. Signal will remain in its current position and is capable of displaying the following aspects:
 - Rule 283- Medium Clear
 - Rule 286- Medium Approach
 - Rule 291- Stop and Proceed
 - Rule 292- Stop Signal
- Home Signal on Frazer number 4 Track (4W) governing westbound movements is being upgraded to a color position signal. Signal will remain in its current position and is capable of displaying the following aspects:
 - Rule 281 (Clear)
 - Rule 285 (Approach)
 - Rule 288 (Slow Approach)
 - Rule 291 (Stop and Proceed)
 - Rule 292 (Stop Signal)
- Home Signal on Frazer number 1 Track (1E) governing eastbound movements is being upgraded to a color position signal. Signal will remain in its current position and is capable of displaying the following aspects:
 - Rule 281 (Clear)
 - Rule 285 (Approach)
 - Rule 291 (Stop and Proceed)
 - Rule 292 (Stop Signal)

H. 37-G1. Passenger Trains Speeds

02/02/26

37-G1 is modified.

Thorn Int. No. 5 Track no longer exists and is deleted.

Cv MP 57.4 & MP 57.6 have been deleted. Conestoga and Cork: No. 7 Track is 30 MPH.

PASSENGER TRAIN TYPE “A” , “B” , "C" & "D" SPEEDS																
Between/At	Train Type “A”				Train Type “B”				Train Type “C”				Train Type “D”			
	Track Nos.				Track Nos.				Track Nos.				Track Nos.			
	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1
Conestoga and Cork: No. 7 Track	30															

I. 37-G3. Maximum Speeds, Other Tracks

01/12/26

37-G3 is modified. Dock St. Yard is added.

a) Other Tracks

Location	Track(s)	Restricted Speed not exceeding
Dock St. Yard	All	5 MPH

J. 36-G1. MP 62.0 and MP 74.0

01/05/26

36-G1 is deleted. The notching restriction is no longer required.

K. 98-G1. Other than Main Track Designations, Types, and Responsibilities

02/02/26

98-G1 is modified. Note 1 & 2 are added. Section B: Train Dispatcher is In Charge of Track 9.

LOCATION	TRACK DESIGNATIONS	TRACK TYPE	IN CHARGE OF	Note
State Interlocking	Tracks 5,8	Other than Main Track	Section B Train Dispatcher	1
State Interlocking	Track 9	Locomotive Servicing and Car Shop Repair Track	Section B Train Dispatcher	1, 2
Note 1: The employee in charge of these tracks must grant verbal or signal permission prior to occupying, beginning movement, or making the track inaccessible.				
Note 2: When under Blue Signal Protection, equipment may move under the direction of the Mechanical Worker-In-Charge.				

L. 116-G1. Operating Train from Other Than Leading End - Penn and Zoo Interlocking

02/02/26

116-G1 is retitled.

Engineers may operate from other than the leading end of the movement when the movement would not exceed one train length beyond Penn and Zoo Interlocking.

V. Lehigh Line Connection (LLC)

No Changes or Additions

VI. System Instructions

A. Electrical Operating Rules and Instructions AMT-2

1. 1.5 Pantographs

07/14/25

AMT-2 1.507 is modified. NexGen HST is added. "HST Type 2 (Acela 21) power units are electrically connected" is deleted.

1.507 Where two pantographs are located on one unit, they are electrically connected. The pantograph in the UP position energizes the pantograph that is in the DOWN position. When either of the pantographs is in the UP position, both pantographs must be considered energized (LIVE) until such time as the jumpers are physically removed from between the pantographs/cars. Married pair cars have a high voltage bus jumper connecting the pantograph on one unit to the transformer on the second unit. High Speed Trainset (HST) Type

1 power units are considered separate units. NexGen High-Speed Trainset power units are electrically connected.

2. 2.3 Pantograph Operations

07/14/25

AMT-2 2.301 is modified. NextGen HST is added.

2.301 Under normal operation of single or coupled electric locomotives the trailing pantograph must be up on each unit. When a trailing pantograph is defective, it must be down and the lead pantograph must be up. HST Type I must be operated with the pantograph knuckles facing forward on both power cars for the direction of movement. On a HST, when a pantograph with the knuckle facing forward is defective, it will be down and the pantograph with the rearward facing knuckle will be up. On the NextGen HST, under normal operating conditions will operate with one pantograph up on the trailing power, with the knuckle facing forward. Each power car is equipped with one pantograph assembly. Tractive power will be supplied to the lead power car via a roof mounted high voltage link.

3. 2.801 Electric Power Restrictions

07/14/25

AMT-2 2.801 Table 9 is modified. NextGen HST is added.

2.8 Table 9 - ELECTRIC POWER REQUIREMENT RESTRICTIONS

Equipment	Controller Position/Power Effort Must Not Exceed:	Notes
NexGen HST	75% tractive effort	...

4. 3.1 Electric Engine

07/14/25

AMT-2 3.101 is modified. NexGen HST is added.

3.101 E. NextGen High-Speed Trainsets: Pantograph(s) must be down Type 10 automatic couplers must be connected between units allowing for the mechanical, pneumatic, and electrical coupling of two trainsets. 480 VAC cables cannot be applied to the trainset when being towed by a locomotive.

B. Air Brake, Equipment and Train Handling Rules and Instructions AMT-3: Changes, Additions

01/05/26

1. 1.0 General

a) 1.1 Definitions

09/01/25

The “Car Mover” definition is new and relates to Mechanical and IMCS employees.

CAR MOVER: A road-rail vehicle capable of traveling on both roads and tracks fitted with a coupler(s) for repositioning rolling stock equipment.

The “Switching (Yard) Operations” definition is modified to define the repositioning of equipment and adding “assembling a train”.

SWITCHING (YARD) OPERATIONS: Repositioning equipment; assembling a train, loading, unloading, or servicing; or placing locomotives or cars on tracks for repair or storage. During switching operations, the brake pipe must be charged, except when the brake pipe is defective or damaged.

NOTE: Switching (Yard) Operations is not considered a train movement.

The definitions for High-Speed Train (HST), Non-Powered Control Unit (NPCU) & Push-Pull Trains are new.

High-Speed Train (HST): A train composed of semi-permanently coupled Tier II train passenger equipment.

Non-Powered Control Unit (NPCU): A locomotive without propelling motors but with one or more control stands.

Push-Pull Train: A train that can be operated from either end. Exception: Locomotive consists consisting of only locomotives, and/or HSTs, are not considered Push-Pull trains.

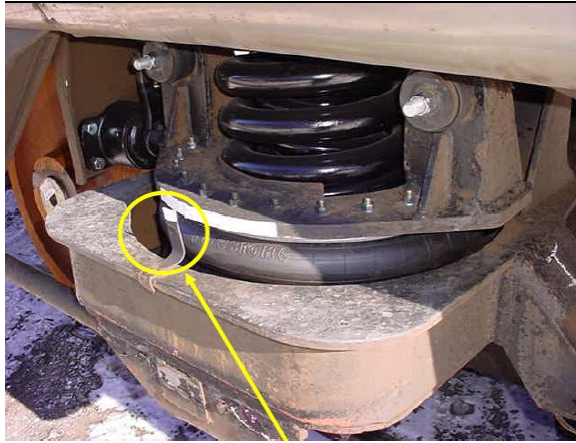
b) 1.5.1 Amfleet Cars – Air Bellows

07/07/25

AMT-3 1.5.13 is modified. The procedures for identifying an over-inflated Air Bellow are identified below.

(1) When Under-Inflated – No action necessary except to report on EMAP 21-A.

- (2) When Over-Inflated – Speed of train reduced per System General Order and bellows deflated as soon as practicable.
 - (a) An Air Bellow can be identified as being over-inflated when:
 - i. The top of the indicator mounted on the bolster is below the level of the white mark on the spring carrier; or,
 - ii. The top of the indicator mounted on the bolster is below the level of the top of the air bellow.



- (3) Deflating Air Bellows
 - (a) Locate “Air Spring Cutout“ badge plate on car side sill (each end of car).
 - (b) Close both “Air Supply Cocks“ on affected end. (Located near badge plate, have yellow handles, and are tagged.)
 - (c) Open “Deflate Air Spring Valve“. (Located near air spring supply cocks and has a red handle.)
 - (d) After bellows are deflated resume normal speed.
- (4) Cars Not Equipped With “Deflate Air Spring Valve”
 - (a) Locate “Air Spring Cutout“ badge plate on car side sill (each end of car).
 - (b) Close both “Air Supply Cocks“ on affected end. (Located near badge plate, have yellow handles, and are tagged.)
 - (c) Operate at speeds per System General Order to next terminal.
 - (d) Notify Train Dispatcher as soon as possible.

c) 1.5 Equipment – Locomotives, Cars and Other Equipment

(1) 1.5.7 Operation of Dead General Electric Locomotives P32-BWH, P32AC-DM, P-40BH or P-42BH in Lead with a Multiple Unit Consist

11/03/25

AMT-3 1.5.7 is replaced in its entirety.

P42c reference, instruction for “behavior if HEP is not available” are added.

When operating P42c Control Cars or P32-BWH, P32AC-DM, or P-42BH locomotives that do not have running prime movers - or P32AC-DM locomotives with their prime movers shut down and not in electric mode - HEP must be supplied to that unit from another locomotive. This is accomplished by properly connecting and setting up HEP from a trailing unit in the consist. If the proper HEP connections and settings are not made between the units in the consist, the batteries will discharge, causing the NO BATTERY CHARGE circuit feature to disconnect safety-critical components – e.g., IFD screens, horn, and headlight.

A. Proper HEP arrangement is as follows:

1. Connect all HEP cables between all units in consist.
2. If GE locomotive is trailing unit and will supply HEP:
 - a. HEP Mode Switch – Normal
 - b. HEP Locomotive Position Switch – Trail
3. Lead (Dead) GE unit:
 - a. HEP Mode Switch – Off

b. HEP Locomotive Position Switch – Lead

4. After ensuring proper setup and feed of HEP, the battery charge ammeter must be observed for charging, and note that the NO BATTERY CHARGE indicator light is not illuminated.

- If the NO BATTERY CHARGE light is illuminated after HEP is properly connected and supplied, reset the Battery Connect Pushbutton (BCPB) on the electrical control panel. If the BCPB will not reset and the battery ammeter indicates batteries are not charging, or if the prime mover is unable to be restarted, another lead unit should be added to the consist, or the locomotive consist (if coupled in multiple) will have to be shifted.
- Pneumatic operation requires all multiple-unit hoses to be coupled for air supply and air brake control of the consist.

NOTE: DO NOT CUT IN THE DEAD ENGINE FEATURE

d) 1.5.13 Damaged/Defective Air Hoses

07/07/25

AMT-3 1.5.13 is new. If an air hose is damaged or defective and must be replaced, NRPC Form 1918, eMAP21-A/MAP100 must be completed, and the defective hose must be reported to the CNOC Mechanical Desk.

- (1) If an air hose is damaged/defective and must be replaced, follow the steps below:
 - (a) After removing the hose, using form NRPC 1918 'Bad Order Equipment', tag the hose as damaged/defective and complete the required information.
 - (b) Store the damaged/defective hose in the tools/accessory storage container in the machine room/radiator compartment on the lead locomotive. If the damaged/defective hose was on a car, document on the EMAP 21-A; if the damaged/defective hose was on a locomotive, document on the MAP 100. Note the car/locomotive number and which end of the equipment had the defective hose (A or B end for cars and Front or Rear for locomotives).
 - (c) Report the defective hose to the CNOC Mechanical desk.
 - (d) Amtrak Mechanical will retrieve the damaged/defective hose from the lead locomotive for analysis during the calendar day inspection.

2. 2.0 Operations

a) 2.1 Locomotives - Non-Complying Condition (Defect) Discovered En Route At Other Than Calendar Day Inspection Point

08/05/24

AMT-3 2.1 has been modified to extend through 2.1.36.

NOTE: For instructions 2.1.1 through 2.1.36, any non-complying condition (defect) discovered en route must be documented per instruction 3.1.15. In addition to particulars noted in instructions 2.1.1 through 2.1.36, crews must comply with the following:

- (1) Locomotive may continue in use to the next Amtrak locomotive repair facility,
- (2) Complete the non-complying tag per instruction 3.1.15,
- (3) Note defect(s) on MAP 100,
- (4) In multiple unit consists or push/pull operations, note on MAP 100 of the lead unit that the non-complying locomotive is in the consist or train,
- (5) Notify the CNOC mechanical desk at 1-800-424-0217 as soon as possible without delaying the train.
 - If applicable, notify the Siemens mechanical desk at CNOC at 1-302-683-2753.
 - If applicable, MARC locomotive issues are to be reported to the Amtrak Commuter Operations Center at 1-202-906-2772.

b) 2.1.36 Locomotive Fire Extinguishers.

08/05/24

AMT-3 2.1.36 is new.

- (1) Verify that each fire extinguisher is securely mounted.
- (2) Visually inspect each fire extinguisher for the following discrepancies:
 - (a) Broken seal,
 - (b) Gauge reading outside the Green Status,

- (c) Certification Tag within 5 days of Expiration Date,
 - (d) Missing Certification Tag,
 - (e) Illegible Instructions.
- (3) Request the fire extinguisher is replaced by mechanical if any of the above discrepancies exist.
- c) **2.6 Locomotives - Locomotive Air Brake and Equipment Set Up** **08/04/25**

(4) 2.6.6 Complete the following procedure to prevent trapped air in the independent brake system when setting up on units without an MU-2A or a Dual-Ported Cutout Cock:

AMT-3 2.6.6 is modified to include setting up on units without an MU-2A or a Dual Ported Cutout Cock.

- (a) Secure equipment per instruction 2.14, if unattended.
- (b) Make a full service brake reduction with the ABV handle.
- (c) Wait for the air exhaust to stop.
- (d) Place the Independent Brake handle in the “RELEASE” position (**DO NOT ACTUATE BRAKE CYLINDER PRESSURE**)
- (e) Move the brake pipe cutoff pilot switch to the “TEST” position for 10 seconds.
- (f) Move the brake pipe cutoff pilot switch to “TRL” position.
- (g) Move the ABV handle to the “HANDLE OFF” position.
- (h) Ascertain that brake cylinder pressure fully releases on the Push, Double Heading, or In-Train locomotive when train brakes are released. If brake cylinder pressure does not fully release, perform the following from the Push, Double Heading, or In-Train locomotive brake valve:
 - i. Move brake pipe cutoff pilot switch to “TEST” position.
 - ii. Actuate brake cylinder pressure.
 - iii. Return brake pipe cutoff pilot switch to “TRL” position.
- (i) If a locomotive is in Double Headed (Helper) Service or a train consist with no MU cables connected, an employee must immediately take position in the operating control compartment to observe for a locked axle indication.

(2) 2.6.7 Changing Ends Procedure Push-Pull Trains:

08/04/25

AMT-3 2.6.7 is new. This instruction is for when the Push Pull Equipment “changes ends” and the proper order of the procedures must take place.

- (a) Secure equipment per instruction 2.14, if unattended.
- (b) Move the Automatic Brake handle to HANDLE OFF (HO).
- (c) Allow brake pipe pressure to completely deplete to 0 PSI as indicated by the brake pipe pressure gauge.

NOTE: Where equipped, analog and digital brake pipe gauges should both show 0 PSI. If a brake pipe gauge settles at a value above 0 PSI, wait 10 seconds to ensure that the brake pipe is completely exhausted.

- (d) If applied, move the Independent Brake handle to release. If equipped, leave the MU-2A or dual ported cut-out cock in LEAD, DEAD or IN.

NOTE: On NPCUs, where equipped, remove the Independent Brake handle if removable, and store.

- (e) CUT OUT the Automatic Brake by positioning the ABV Cutoff Valve to Out/TRL

NOTE 1: Ensure that there has been no release of brake cylinder pressure during this step.

NOTE 2: On Siemens equipment (ALC-42, SC44, ACS-64) ensure 20 pipe is at 0 PSI.

- (f) Place the reverser in ISOLATE/NEUTRAL and remove the handle.
- (g) Turn the headlight OFF; turn the marker lights ON. Verify that the headlight and auxiliary lights are off and the marker lights are lit. When practical, inspect the train from the ground while walking to the opposite end.
- (h) Ensure that the proper pantograph is raised and visually inspected, if applicable.

- (i) If applicable, insert the Independent Brake Valve handle. Fully apply the Independent Brake. If equipped, ensure the MU-2A or Dual Ported Cutout Cock is cut in (LEAD, DEAD, or IN) and set up as described by Table A.
- (j) Insert the reverser and place it in an active position.
- (k) Move the Automatic Brake handle to RELEASE. Allow Equalizing Reservoir to charge to 110 PSI, then CUT IN the Automatic Brake by positioning the ABV Cutoff Valve to PASS/IN/LEAD and allow system to fully charge.
- (l) Turn marker lights OFF; turn headlight ON.
- (m) Perform required brake tests. Release all handbrakes/parking brakes.

d) 2.7 Locomotives – Sealing of Protective Devices on Locomotives

09/27/25

2.7 is modified. It is no longer required to record the numbers on the MAP 100 form.

e) 2.7.1 Mechanical forces will verify cutouts (switches and cocks) or enclosures for safety devices are properly positioned, then apply seals:

2.7.1 is modified. It is no longer required to record the numbers on the MAP 100 form.

f) 2.7.2 Reserved for Future Use

2.7.2 is deleted and reserved for future use.

g) 2.10 Train Make Up – General

07/07/25

(1) 2.10.2 When coupling or uncoupling equipment, care must be taken to prevent injury or damage.

AMT-3 2.10.2 is revised in its entirety. This instruction will standardize and clarify coupling speeds in the Amtrak system.

- (a) Coupling must be made at the minimum speed required to complete the coupling, but not exceeding 2 MPH.
- (b) Before coupling or uncoupling equipment, all employees and passengers on board must be notified on the PA system of the potential equipment movement.

h) 2.14 Train Make Up – Securing Equipment

08/07/23

The following is added to AMT-3 Instruction 2.14 “Train Make Up – Securing Equipment.”

Equipment to be Secured	On All Tracks
One car	1. Apply hand/parking brake. NOTE: If on a grade and the locomotive is on the downhill side of the car, stretch the slack; if the locomotive is on the uphill side of the car, bunch the slack. 2. Release air brakes on car only. 3. Wait one minute. 4. If car does not move, hand/parking brake is effective. 5. Apply air brakes. 6. For a single car, chock both sides of one truck or one wheel. 7. If hand/parking brake is not effective, chock both sides of one additional truck or wheel. Repeat steps 2-5. 8. If car does not move, chocks are effective.
Two or more cars	1. Apply hand/parking brakes on at least two cars. NOTE: If on a grade and the locomotive is on the downhill side of the cars, stretch the slack; if the locomotive is on the uphill side of the cars, bunch the slack. 2. Release air brakes on cars only. 3. Wait one minute. 4. If cars do not move, hand/parking brakes are effective. 5. Apply air brakes. 6. If hand/parking brakes are not effective, apply more hand/parking brakes on cars. Repeat

Equipment to be Secured	On All Tracks
	steps 2-5. 7. If hand/parking brakes are not effective or cannot be tested, chock both sides of one truck or one wheel. Repeat steps 2-5. 8. If cars do not move, chocks are effective.
	On All Tracks
Locomotives (Single Or Multiple)	1. Apply all hand/parking brakes on all locomotives. 2. Fully release the automatic and independent brake, if equipped. Release parking brake on Cab Cars. 3. Wait one minute. 4. If locomotive(s) do not move, the hand/parking brakes are effective; proceed to Step 6. 5. If the hand/parking brake is not effective, chock both sides of one truck or one wheel. Repeat steps 2-4. 6. For a single locomotive, chock both sides of one truck or one wheel. 7. Secure the locomotive consist. a. Make a "Full Service" brake application with the ABV handle. b. Place the independent brake in the "Full Application" position, if equipped. c. Place the throttle / controller in "IDLE" or "OFF" position. d. Place reverser in "NEUTRAL" position and remove, if removable, and place the reverser in the fusee holder, if equipped. e. Place generator field switch/breaker in the "OFF" or "DOWN" position, if equipped. f. Place the isolation switch in the "ISOLATE" position, if equipped. NOTE: GE P-32BWH, P-40BH, and P-42BH locomotives will be considered isolated when unit is providing "STANDBY HEP".
Locomotives with Cars (Coupled Together)	1. Apply all hand/parking brakes on all locomotives. 2. No less than a total of two hand/parking brakes must be applied (Locomotives + cars = total hand/parking brakes). 3. Fully release the automatic and independent brake, if equipped. Release parking brake on Cab Cars. 4. Wait one minute. 5. If equipment does not move, the hand/parking brakes are effective; proceed to Step 8. 6. If equipment moves, apply the automatic and independent brake, then apply more hand/parking brakes as needed. Repeat steps 3-5. 7. If equipment moves after all hand/parking brakes are applied, apply chocks to one wheel or one truck and to additional wheels as necessary; if equipment does not move proceed to Step 8. 8. Secure the locomotive consist. a. Make a "Full Service" brake application with the ABV handle. b. Place the independent brake in the "Full Application" position, if equipped. c. Place the throttle / controller in "IDLE" or "OFF" position. d. Place the reverser in "NEUTRAL" position and remove, if removable, and place the reverser in the fusee holder, if equipped. e. Place the generator field switch/breaker in the "OFF" or "DOWN" position, if equipped. f. Place the isolation switch in the "ISOLATE" position, if equipped. NOTE: GE P-32BWH, P-40BH, and P-42BH locomotives will be considered isolated when unit is providing "STANDBY HEP".

i) **2.14.5 Securing Equipment Left Unattended**

01/05/26

AMT-3 2.14.5 "note" is added. Exceptions for the NextGen HST are added.

AMT-3 2.14.5. A "Note" is added for exceptions regarding chock placement.

NOTE: Unless it is necessary as defined above, the use of chocks is prohibited on:

- Tracks adjacent to high-level station platforms,
- Tracks equipped with a third rail,
- High Speed Trainsets

NOTE: For the purpose of securing equipment, the NGHST must be left in retention mode. The equipment is considered secured when the controller has been placed into the full service position, the parking brake has been applied, and the parking brake status has been verified on the TOD.

j) 2.15.14 Dynamic Braking **11/21/22**

Two notes are added to the end of AMT-3 2.15.14

NOTE: Dynamic Braking must never be solely relied upon to bring a train to a stop.

NOTE: The term “Regenerative Braking” is synonymous with “Dynamic Braking” in the application of AMT-3 instructions.

k) 2.16.4 Slowing or Stopping Using Dynamic Brake **11/21/22**

Two notes are added to the end of AMT-3 2.16.4

NOTE: Dynamic Braking must never be solely relied upon to bring a train to a stop.

NOTE: The term “Regenerative Braking” is synonymous with “Dynamic Braking” in the application of AMT-3 instructions.

l) 2.16.5 Slowing or Stopping Using Air Brakes **07/14/25**

AMT-3 2.16.5 E, F are modified to add NGHST exceptions.

E. Where conditions permit, slowdowns or stops should be made with not more than 15 psi total automatic brake pipe reduction.

EXCEPTION: NGHST train slowdowns or stops should be made using no greater than Suppression.

F. Leave a minimum 12 psi reduction on train while stopped and independent brake to full application, if equipped.

EXCEPTION: NGHST trains will remain in Suppression while stopped.

m) 2.16.8 Stopping Immediately After Starting **07/14/25**

AMT-3 2.16.8 E is modified to add an NGHST exception.

E. Leave a minimum 12 psi reduction on train while stopped, and independent brake to full application.

EXCEPTION: NGHST trains will remain in Suppression while stopped.

3. 2.19.2 En Route Movement Instruction **07/14/25**

The following instruction is revised to add a Note: Trains operating with I-ETMS: When changes occur enroute that reduce the number of operative train air brakes to 95% or less, the engineer must modify the I-ETMS Train Type to “Freight” in the Consist message summary information on the I-ETMS CDU screen. Freight train timetable speeds will be enforced by PTC. AMT-3 2.19.2 “note” is modified to add NGHST designation.

- b) When operative brakes become less than 85%, BEFORE PROCEEDING, notify train dispatcher and contact QMP at CNOC mechanical desk for instructions. CNOC may be contacted either directly at 1-800-424-0217 or through the train dispatcher.
 - (1) Trains with 84%-75% operative brakes must comply with QMP instructions but not exceeding one-half the maximum timetable speed or 40 mph whichever is less.
 - (2) Trains with 74%-50% operative brakes must comply with QMP instructions but not exceeding one-half the maximum timetable speed or 20 mph whichever is less.
 - (a) Every effort must be made to increase operative brake percentage above 74% by setting out the defective car(s).
 - (b) If not possible to increase operative brake percentage above 74% by setting out defective car(s):
 - (c) Train may be moved in passenger service to the next location where passengers can be safely detrained.

- (d) After all passengers are discharged, the equipment will be moved to the nearest location where the necessary repairs can be made.

NOTE: Trains operating with I-ETMS: When changes occur enroute that reduce the number of operative train air brakes to 95% or less, the engineer must modify the I-ETMS Train Type to "Freight" in the Consist message summary information on the I-ETMS CDU screen. Freight train timetable speeds will be enforced by PTC.

- (3) When hand/parking brake is located **INSIDE** equipment, proceed with hand/parking brake manned.

Note: Defective brakes on front or rear semi-permanently attached passenger equipment (i.e., High Speed Trainset, NGHST or rear of Talgo) does not constitute defective brakes on front or rear passenger equipment.

4. 2.19.3 Determining Percent Operative Brakes

07/14/25

AMT-3 2.19.3 "D" is added. Each cut out axle on an NGHST power car counts as 1 cut out axle.

D. Each cut out axle on an NGHST power car counts as 1 cut out axle.

5. 2.19.7 Non-Revenue Movement of Passenger Equipment with Power Brake Defects for Repair

12/04/23

The following instruction is new.

- (1) Passenger equipment containing a power brake defect at the time that a Class I or IA brake test is performed may only be moved after all of the following instructions are complied with:
 - (a) The equipment is moved for purposes of repair without passengers.
 - (b) Operating restrictions based on percent operative power brakes in a train are observed:
 - i. Trains with 84% to 75% operative brakes must comply with QMP instructions but must not exceed one-half the maximum timetable speed or 40 mph, whichever is less.
 - ii. Trains with 74% to 50% operative brakes must comply with QMP instructions but must not exceed one-half the maximum timetable speed or 20 mph, whichever is less.
- (2) Operating restrictions on passenger trains with inoperative power brakes on the front or rear unit are observed:
 - (a) *Speed must not exceed 20 mph.*
 - (b) When the hand/parking brake is located inside the equipment, proceed with the hand/parking brake manned.

NOTE: Only when necessary, equipment with inoperative brakes may be positioned on the front or rear of the train.
- (3) The passenger equipment is tagged on both sides, and information is recorded in the Amtrak WMS tracking system. The following information is recorded on the tags and in WMS:
 - (a) The reporting mark and car or locomotive number;
 - (b) The name of the inspecting railroad;
 - (c) The name of the inspector;
 - (d) The inspection location and date;
 - (e) The nature of each defect;
 - (f) The destination of the equipment where it will be repaired; and
 - (g) The signature, if possible, and the job title of the person reporting the defective condition.

a) 2.21 Train Handling - Yard Service Switching

12/01/25

AMT-3 2.21.1 through 2.21.17 are replaced in their entirety. Car Movers have been added, and procedures have been clarified for switching. "Prior to moving equipment with a car mover the brake pipe, if equipped, must be cut in" is added.

Before moving equipment:

2.21.1 Ensure Blue Signal Protection has been removed on the equipment to be moved.

2.21.2 Brake pipe must be charged on entire train when switching, except when brake pipe is defective, damaged, or absent.

- 2.21.3** All trucks must be cut-in, except when brake system is defective, damaged, or absent.
- 2.21.4** Ensure hand/parking brakes are released prior to moving equipment.
- 2.21.5** Ensure chocks are removed prior to moving equipment.
- 2.21.6** Perform a Standing Locomotive Brake Test per instruction 3.6, or car mover inspection.
- 2.21.7** Prior to moving equipment with a car mover the brake pipe, if equipped, must be cut in. Ensure brakes apply and release on the last car.
- 2.21.8** Prior to uncoupling equipment, disconnect all cables, chains, and curtains between equipment that is to be uncoupled.
- 2.21.9** Prior to moving equipment, crews must ensure that all cables and air hoses have been disconnected from ground power and ground air sources.
- When moving, coupling and uncoupling equipment:
- 2.21.10** Before placing car(s) in a track, determine if there is sufficient room to hold the car(s).
- 2.21.11** Watch for close clearance. Stop movement if unsure whether equipment will clear.
- 2.21.12** Before coupling to standing equipment, verify that equipment is properly secured per instruction 2.14 to prevent rolling if coupling is not made. Chocks must not be removed until coupling is made.
- 2.21.13** When possible, cars must be uncoupled on straight track instead of curves or in turnouts.
- 2.21.14** When coupling equipment, especially in curves and turnouts, ensure that couplers are properly positioned to prevent damage.
- 2.21.15** A safety stop must be made (approximately 50 feet) just prior to coupling to any equipment. A safety stop is not required when distance between standing equipment is less than 50 feet.
- 2.21.16** When switching, equipment must not be placed in the foul until switch / switches are properly aligned.
- 2.21.17** After coupling equipment, the train must be double stretched to ensure a successful coupling has been made.
- 2.21.18** In the event the equipment does not couple as intended, uncouple, and inspect both couplers. Open and close each knuckle to check for lock drop and engagement, free of binding. Attempt to couple equipment again and if another failed coupling occurs, equipment must be moved to a repair or servicing track for proper repair.
- 2.21.19** Secure unattended equipment per instruction 2.14.
- 2.21.20** Once the train is assembled and switching is complete, the requirements of instruction 1.5.5 Coupler Locking Pins apply.

6. 3.0 Equipment Inspections / Brake Tests

12/01/25

a) 3.1 Locomotives – Employee Responsibility – Locomotive Inspection, Testing and Documentation

b) 3.1.2 Determining Level of Fuel on Diesel Locomotives

AMT-3 3.1.2 B. is changed from “OR” to “AND”, requiring the fuel sight glasses to be observed.

B. Without delay to the train and when safe conditions exist, observe the fuel sight glasses, fuel gauge AND fuel monitor to determine if sufficient fuel exists to reach final terminal or next scheduled fueling point. After determining fuel level, note on the back of the MAP 100 of each unit the total gallons, location, date and time.

c) 3.1.3 Locomotive Calendar Day Inspection Requirement

3.1.3 b) is modified. MAP 100 information will be entered in the “Supervisor/QMP/Locomotive Engineer Verifying All Work Completed and Approving Unit for Service” section. Letter G is added. A note is added.

NOTE: This instruction also applies to non-complying locomotives.

- (1) The date on which a locomotive(s) receives the last calendar day inspection and test will be determined by the MAP 100 information entered in the “Supervisor/QMP/Locomotive Engineer Verifying All Work Completed and Approving Unit For Service” section. The information of the

previous calendar day inspection in accordance with 49 CFR 229 will be entered in the “Previous Calendar Day Inspection” box in the top right corner of the MAP 100.

- (2) The Daily Mechanical inspections, Locomotive Calendar Day Air Brake Test, and Train Control Systems Daily Departure Tests are not considered complete until the Supervisor/QMP/Locomotive Engineer approves and signs the signature block in the “Supervisor/QMP/Locomotive Engineer Verifying All Work Completed and Approving Unit For Service” section. This timestamp will start the clock for the locomotive’s inspections.

d) 3.1.11 Reserved for Future Use

3.1.11 is deleted and reserved for future use.

NOTE: For a Mechanical Inspection and Air Brake Test to remain valid, the locomotive must be used within 72 hours from its inspection time.

e) 3.2 Locomotives – Locomotive Calendar Day Inspection Procedure When Performed by Engineer **09/27/25**

AMT-3 3.2 has been modified to add 3.2.43.

NOTE: If a non-complying condition is discovered at a location where a locomotive cannot be repaired or replaced on a revenue passenger train, comply with instruction 2.1.

NOTE: As indicated by instruction 3.2.41, the Locomotive Calendar Day Air Brake Test (instruction 3.3) is part of the Locomotive Calendar Day Inspection and **MUST** be performed in addition to instruction 3.2.

NOTE: For instructions 3.2.4 through 3.2.40 and 3.2.43, any non-complying condition discovered during this inspection must be documented per instruction 3.1.15. In addition to particulars noted in instructions 3.2.4 through 3.2.40 and 3.2.43, the following must also be complied with:

- (1) Complete the non-complying tag per instruction 3.1.15,
- (2) Note defect(s) on MAP 100,
- (3) In multiple unit consists or push/pull operations, note on MAP 100 of the lead unit that a non-complying locomotive is in the consist or train.

(1) 3.2.3 Verify cutouts (switches and cocks) or enclosures for safety devices listed on MAP 100 are properly positioned and sealed:

3.2.3 is modified. It is no longer required to record the numbers on the MAP 100 form.

(2) 3.2.42 Complete a new MAP 100 to be left on each locomotive, as follows (Section 5 Tables and Forms):

3.2.42 is deleted and replaced in its entirety.

(a) MAP 100

- i. Complete the first line, Unit #.
- ii. In the “Daily Mechanical Inspection” section, enter the time completed, date, location, signature, SAP ID#, and occupation in the boxes provided after completing the inspection.
- iii. In the “Locomotive Calendar Day Air Brake Inspection” section for the CONTROLLING locomotive, check the applicable space for “F-End” or “R-End”. If the locomotive is a trailing unit, check “N/A”.
- iv. In the “Locomotive Calendar Day Air Brake Inspection” section for ALL locomotives in the consist, check the applicable “Pass”, “Fail”, or “N/A” if the ECP brake equipment has been inspected and tested.
- v. In the “Locomotive Calendar Day Air Brake Inspection” section for ALL locomotives in the consist, enter the time completed, date, location, signature, SAP ID#, and occupation in the boxes provided after completing the inspection.
- vi. From the previous MAP100, copy the date, time completed and location information from the “Supervisor/QMP/Locomotive Engineer Verifying All Work Completed and Approving Unit for Service” section to the “Previous Calendar Day Inspection” section on the top right corner of the new MAP 100. This will serve as an inspection record per 49 CFR 229.21.

- vii. In the “Supervisor/QMP/Locomotive Engineer Verifying All Work Completed and Approving Unit for Service” section, enter the time completed, date, location, signature, SAP ID#, and occupation in the boxes provided.
- viii. Enter a description of any defective or non-complying condition in the “Failure En Route / Equipment Condition” section.

(4) Contact CNOC mechanical desk at 1-800-424-0217 before going off duty to report that inspection has been performed and whether any defects were noted.

f) 3.2.43 Locomotive Fire Extinguishers.

08/05/24

AMT-3 3.2.43 is new.

- (1) Verify that each fire extinguisher is securely mounted.
- (2) Visually inspect each fire extinguisher for the following discrepancies:
 - (a) Broken seal,
 - (b) Gauge reading outside the Green Status,
 - (c) Certification Tag within 5 days of Expiration Date,
 - (d) Missing Certification Tag,
 - (e) Illegible Instructions.
- (3) Request the fire extinguisher is replaced by mechanical if any of the above discrepancies exist.

g) 3.4 Locomotives – Mechanical Department Locomotive Air Brake Daily Inspection

(1) 3.4.12 Cutouts for various safety devices and/or enclosures to such devices must be properly positioned and sealed.

3.4.12 is modified. It is no longer required to record the numbers on the MAP 100 form.

h) 3.5.1 A Locomotive Consist Air Brake Test is required when a locomotive consist changes.

06/05/23

The following is added to AMT-3 3.5.1 as paragraph C.

Prior to departure, Over-the-road lite and multiple lite locomotive movements must be tested per Locomotive Calendar Day Air Brake Test (Instruction 3.3) from the controlling locomotive and must have a completed MAP 100 and MAP 1173/10C Summary, with the “Lite Loco Move” box checked.

i) 3.6 Locomotives – Standing Locomotive Brake Test

05/02/22

The following is modified in AMT-3. 3.6.2.

3.6.2 Follow the steps in the table below to perform a Standing Locomotive Brake Test. 2.6 is replaced by 3.7.

Standing Locomotive Brake Test	
Step	Action
Automatic Brake Test	
15	Upon initial movement, perform a Locomotive Running Brake Test (Instruction 3.7).

j) 3.9 Train Brake Tests & Mechanical Inspection

05/02/22

The following is modified in AMT-3. 3.9.1 & 3.9.3. 2.19.3E is now 2.19.2E & 3.9.4D is now 3.8.4D.

(1) 3.9.1 Passenger Train Class I Brake Test / HST Departure Test

A. Class I Brake Test Requirements

3. When Class I brake test has expired proceed per instruction 2.19.2E.

(2) 3.9.3 Passenger Train Class IA Brake Test

A. Class IA Brake Test Requirements

4. When equipment will be moved between the maintenance facility and originating passenger terminal without a MAP 1173/10C Summary per Definition "Passenger Equipment" and instruction 3.8.4D.

(3) 3.9.4 Passenger Train Class II Brake Test

07/14/25

AMT-3 3.9.4 A. is modified. Exceptions for the NextGen HST are added.

A. Class II Brake Test Requirements

- 1) Whenever control stand is changed, or air brake computer is de-energized (circuit breaker turned off).
- 2) When previously tested and inspected cars/locomotives that received a Class I brake test within the previous calendar day and have not been removed from a source of compressed air for more than 4 hours are added to a passenger train.
- 3) When cars or equipment are removed from the train.
- 4) When Engineer first takes charge of train except for Face-to-Face relief.

NOTE: When any of the following occurs, it is considered FACE-TO-FACE RELIEF:

- a. When the inbound Engineer does not leave the equipment unattended and communicates with the outbound Engineer the condition of the brakes and the status (location) of the MAP 1173/10C Summary.
- b. When the inbound Conductor or Assistant Conductor does not leave the equipment unattended and communicates with the outbound Engineer the condition of the brakes and the status (location) of the MAP 1173/10C Summary.
- c. When a mechanical department employee who is a QMP or QP who participated in the required brake test does not leave the equipment unattended and communicates with the outbound Engineer the condition of the brakes and the status of the MAP 1173/10C Summary (located on the locomotive, or in possession of conductor, etc.).
- 5) When train is equipped with ECP Brake, Class II Brake Test is required to be done in ECP mode after a successful Class I Brake Test is completed in Emulation Mode.
- 6) After any emergency brake application. **Exception:** Does not apply to NGHST equipment.
- 7) Where indicated by rule or special instructions.
- 8) When control valve or brakes are cut out. **Exception:** Does not apply to NGHST equipment.
- 9) After determining cause for brake pipe continuity loss, make Class II brake test using Two-Way End-of-Train device.
- 10) Any point where a brake pipe angle cock has been turned except when performing the Two-Way-End-Of-Train device emergency function test or when adding a Back-up hose per instruction 2.17.2A. AMT-3 Page 92 of 154

NOTE: Passenger trains must not depart a terminal or yard, which is a repair point, where a Class II brake test has been performed with brakes cutout, inoperative or defective. To determine a repair point for a particular train, contact CNOC mechanical desk either directly at 1-800-424-0217 or through the train dispatcher.

(4) 3.9.4 Passenger Train Class II Brake Test

07/14/25

AMT-3 3.9.4 E. is new. Procedures for Class II Brake Test on NextGen HST is added.

E. Class II Brake Test Procedure for NextGen High Speed Trainsets (NGHST)

- 1) Engineer or QMP will activate cab. Release parking brake.
- 2) Engineer or QMP will ensure that brake pipe is fully charged
- 3) Conductor, Assistant Conductor, QP or QMP will give signal to apply air brakes.
- 4) Engineer, QP or QMP will place controller into emergency.
- 5) Conductor, Assistant Conductor, QP or QMP observes brake pipe pressure reduces on TDD of rear power car and Emergency Brake icon is displayed
- 6) Conductor, Assistant Conductor, QP or QMP will give signal to release air brakes.
- 7) Engineer or QMP will move controller to full service position and ensure that brake pipe is fully charged

- 8) Conductor, Assistant Conductor, QP or QMP observes brake pipe pressure restored 110 psi (+/- 5 psi) on TDD of rear power car and the Emergency Brake icon is extinguished.
- 9) Engineer, Conductor, Assistant Conductor, QP or QMP will ensure that two-way radio system is tested and operating.

7. 4.0 Train Control Systems Section

a) 4.1 General

09/01/25

AMT-3 4.1.3 is modified. Valid Train Control System Departure Test(s) as appropriate for the train's route are required on locomotives that lead or could lead in train control system territory.

4.1.3 Valid Train Control System Departure Test(s) as appropriate for the train's route are required on locomotives that lead or could lead in train control system territory. Test(s) will be verified by reviewing the completed MAP 100. The start date and time of the 24-hour time period will be found in the Train Control Systems section.

b) 4.1.1 Trains/Locomotives must not enter any Train Control System Territory with defective or cut-out Train Control System or "Acknowledger" unless relieved by Rule, Special Instruction, General Order, Bulletin Order, or other directive. 09/27/25

4.1.1 Note is modified. "Train Controls Cut Out" box of the "Failure En/Route/Equipment Condition" section is added.

NOTE: If the train control system was cut out due to an on-board locomotive failure in accordance with applicable operating rules, the "Failure" box in the "Train Controls Cut Out" box of the "Failure En/Route/Equipment Condition" section of the MAP 100 must be checked. If the train control system was cut out for any reason other than on-board locomotive failure, the "Temporary Operating Exception" box in the "Train Controls Cut Out" box of the "Failure En/Route/Equipment Condition" section of the MAP 100 must be checked. This includes wayside PTC equipment failure of cutting out the train control system due to a temporary suspension of PTC operating rules. All other operating rules regarding reporting a cutout PTC system still apply. Checking the proper box will help the mechanical department to better identify the cause and may reduce the amount of time a locomotive spends at a repair facility

c) 4.2 Automatic Train Control System (ATC)

05/02/22

The following is modified in AMT-3. 4.2.3. A. 14. "Clear 160" has been added and "Intelligent" has been removed.

(1) 4.2.3 ATC (Cab Signal) Departure Test

A. ATC (Cab Signal) Daily Departure Test

14. When the least restrictive aspect ("CLEAR" on 4 ADU; "CLEAR 150" or "CLEAR 160" on 9 ADU and ADU) is displayed, cab signal audible alarm will sound, and a penalty application will occur.

The following is modified in AMT-3. 4.2.3. B. 4. "Clear 160" & 9 "ADU" has been added. Aspect/Intelligent Display Unit has been removed.

B. ATC (Cab Signal) Daily Departure Test will be considered as failed when any of the following conditions/faults are discovered during the test:

4. Test overspeed condition at "Clear 150" or "CLEAR 160" on 9 ADU and ADU does not initiate a penalty application of the brakes within 8 seconds.

(2) 4.2.4 Criteria for Determining ATC (Cab Signal) En Route Failure

09/02/24

The following instruction is revised. In C. 5. The speed is changed from 12MPH to 6MPH.

C. Speed Control Failure

- (1) Cab signal aspect allows a greater speed than aspect authorizes.
- (2) Cab signal aspect enforces a lower speed than aspect authorizes.
- (3) Overspeed indication remains illuminated and penalty application occurs on a downward change of cab signal aspect when engineer fulfills the following:
 - (a) Acknowledge within 8 seconds
 - (b) "SUPPRESSION" position of ABV handle

- (c) Authorized speed achieved
- (4) Unrecoverable penalty brake application.
- (5) Velocity Zero (VZ) Light remains illuminated when speed is above 6 MPH.
- (6) "NO MOTION" light on HST power cars and HHP-8 locomotives remain illuminated when locomotive speed is above 3MPH.

d) 4.8.3 Reserved for future use.

09/27/25

4.8.3 is deleted and Reserved for Future Use

8. 5.0 Tables and Forms Section

09/27/25

a) Amtrak Forms

Replace the MAP 100 on page 140 of the AMT-3 with the included MAP 100, NRPC 2947 rev 08/2025 below.

AMTRAK		MAP 100 Equipment Condition Report		UNIT # _____				
EACH LOCOMOTIVE UNIT AND CAB CAR SHALL BE INSPECTED IN ACCORDANCE WITH 49 CFR PART 229.21, 236.586, AND 236.587.								
INSTRUCTIONS: Complete form and obtain signatures. Use reverse side for additional comments or details. Use separate form for each unit in consist. Original is to be retained in the locomotive's cab and a copy is to be retained at the location performing the inspection.								
NOTE: Locomotives can be on either a 92-day or 184-day periodic inspection schedule. Locomotives on 184-day inspection schedule require a daily inspection by a Qualified Mechanical Inspector (QMI) at least once every 33 days. Locomotives on 92-day inspection schedule do not require QMI inspections.								
Previous Calendar Day Inspection								
Date: _____								
Time Complete: _____ AM PM								
Location: _____								
Daily Mechanical Inspection								
Time Completed: _____ AM PM		Date: _____		Location: _____				
QMP/QMI/QP Signature: _____		SAP #: _____		Occupation: _____				
Locomotive Calendar Day Air Brake Inspection								
F-End ☐ Pass ☐ Fail ☐ N/A ☐ R-End ☐ Pass ☐ Fail ☐ N/A ☐ ECP ☐ Pass ☐ Fail ☐ N/A ☐								
Time Completed: _____ AM PM		Date: _____		Location: _____				
QMP/QMI/QP Signature: _____		SAP #: _____		Occupation: _____				
Train Control Tests - Daily Departure Tests - Daily Departure Test(s) Inspected in accordance with 49 CFR Part 236.586 & 236.587.								
System	Train Type	End	Pass	Fail	Penalty Brake	Date	Time	
					Electric C/O Switch			
					Pneumatic C/O Cock			
ACSES	☐ A ☐ B ☐ C ☐ D ☐ E	F-End: ☐ ☐ N/A	☐ Sealed	N/A	☐ Sealed	N/A	AM PM	
		R-End: ☐ ☐ N/A	☐ Sealed	N/A	☐ Sealed	N/A	AM PM	
Cab Signal		F-End: ☐ ☐ N/A	☐ Sealed	N/A	☐ Sealed	N/A	AM PM	
		R-End: ☐ ☐ N/A	☐ Sealed	N/A	☐ Sealed	N/A	AM PM	
ITCS		☐ ☐ N/A	☐ Sealed	N/A	☐ Sealed	N/A	AM PM	
IITS		☐ ☐ N/A	☐ Sealed	N/A	☐ Sealed	N/A	AM PM	
I-ETMS		☐ ☐ N/A	☐ Sealed	N/A	☐ Sealed	N/A	AM PM	
Protective Seals								
• Overspeed Selector Switch ☐ Sealed N/A		• ATC/IITS Transfer Switch ☐ Sealed N/A		• I-ETMS Emergency Brake ☐ Sealed N/A				
☐ A ☐ B ☐ C ☐ D ☐ E		• Door Bypass F-End: ☐ Sealed N/A		• I-ETMS Horn ☐ Sealed N/A				
		R-End: ☐ Sealed N/A		• Mult. Penalty Brake Device ☐ Sealed N/A				
• Alertor Electric: ☐ Sealed N/A		• Event Recorder ☐ Sealed N/A		• Speed Control ☐ Sealed N/A				
Pneumatic: ☐ Sealed N/A		• ADU (Amtrak) Territory ☐ Sealed N/A		• Speedometer OS ☐ Sealed N/A				
• SPTS By-Pass ☐ Sealed N/A		Switch						
• Auto/Amtrak/MNRR ☐ Sealed N/A								
Time Completed: _____ AM PM		Date: _____		Location: _____				
QMP/QMI/QP Signature: _____		SAP #: _____		Occupation: _____				
Supervisor/QMP/Locomotive Engineer Verifying All Work Completed and Approving Unit for Service								
Time Completed: _____ AM PM		Date: _____		Location: _____				
Supervisor/QMP/Locomotive Engineer Signature: _____		SAP #: _____		Occupation: _____				
The Daily Mechanical Inspection, Locomotive Calendar Day Air Brake Test, and Train Control Systems Daily Departure Tests are not considered complete the supervisor/QMP/locomotive engineer approves and signs this form. This timestamp will start the clock for the locomotive's mechanical inspections.								
Failure En Route/Equipment Condition						Engineer Initials	Repaired By (SAP #)	
Train Controls								
☐ Cut Out ☐								
☐ Failure ☐ Temporary Operating Exception								
Locomotive Engineer Signature		Location	Date	Time	Locomotive Engineer Signature	Location	Date	Time
				AM PM				AM PM
				AM PM				AM PM
				AM PM				AM PM
				AM PM				AM PM

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9. MS 2.0 Passenger Car Tread Brake Unit Slack Adjuster Inspection Procedure

05/02/22

The following is modified in AMT-3. MS2.3 The reference to the instruction 3.5 is replaced with 2.14.

- (1) MS 2.3 Secure equipment per instruction 2.14 before going under or fouling car and then release the handbrake. Ensure brakes are released.

10. MS 3.0 Locomotive Air Brake Pressures

04/01/24

The table is updated to reflect additional equipment. GP38-3 is added.

Locomotive Air Brake Pressure Chart		
Independent Brake		Pressure
#24 and #26 Brake Equipment with J-1 Relay		45
HHP-8, HHPc, HST Power Cars, GP Locomotives, DASH-8, Genesis Series, NPCU Cab Car		72
ACS-64, SC-44, ALC-42		70-75
New Acela		
Parking Brake		Pressure
DASH-8, P32ACDM		100
Capitoliner Cab Car (9600 Series)		52-56
New Acela		
Service Brake Cylinder		Pressure
DASH-8, P32ACDM		58-62
26L and 26LIC Brake Equipment		58-62
HHP-8, HHPc, HST Power Cars		58-62
ACS-64, SC-44, ALC-42, GP38-3		62-70
Capitoliner Cab Cars (9600 Series)		36-42
NPCU Cab Cars ("Cabbage Cars")		46-48
New Acela		
Emergency Brake Cylinder		Pressure
DASH-8, P32ACDM Locomotives		88-94
26L Brake Equipment: 110 psi Brake Pipe or 130 – 140 psi Auxiliary reservoir.		88-94
26L Brake Equipment: 90 psi Brake Pipe with Brake Pipe Fed (90 psi) Auxiliary Reservoir.		84-86
26LIC Brake Equipment		72-76
HHP-8, HHPc, HST Power Cars		69-71
ACS-64, SC-44, ALC-42		74-82
Capitoliner Cab Cars (9600 Series)		45-50
NPCU Cab Cars ("Cabbage Cars")		68-70
New Acela		
Safety Valves	Location	Pressure
Control & Distributing Valves	Control Valve	60
Locomotive Main Reservoir / Tier I Equipment	Under Loco with Main Reservoir piping / Equipment Room	150-155
Locomotive Main Reservoir / Tier II (HST) Equipment	Equipment Room	160

Locomotive Air Compressor Intercooler	On Locomotive Compressor	65
Discharge Pipe (where equipped)	On Locomotive Compressor	185
Dead Engine Feature - Service Portion must be in Direct Release		Pressure Settings
26L Equipment		25 psi
DASH-8, Genesis		45 psi
HHP-8, HHPc, HST Power Cars		45 psi (adjustable).
ACS-64, SC-44, ALC-42, GP38-3		84 psi
Capitoliner Cab Cars (9600 Series)		40 psi
New Acela		
Location of Dead Engine Cutout Cocks		
GP-38, DASH-8, NPCU Cab Car, Switcher Type Locomotives are located under the floor of the cab on engineer's side. Access from outside panel (engineer's side).		
Genesis Locomotives are located under the floor panel behind the engineer's seat. Access is through floor or outside panel (engineer's side).		
ACS-64, SC-44, ALC-42, HHP-8, HHPc, HST Power Cars, New Acela and 9600 Series Cab Cars are located in the equipment room on the air rack.		
NOTE: Dead Engine feature on 9600 Series Cab Car is in the air brake enclosure in the coach area.		

a) MS 6.2 Periodic Brake Maintenance Requirements for Equipment in Freight or Non-Passenger Service

07/04/22

The following is modified in AMT-3. MS6.2: 3.5 is replaced by 2.14.

- (1) MS 6.2.1. D. 2. Secure Equipment per Instruction 2.14.

C. *F-S2. Critical Incidents

03/16/26

F-S2 "Critical Incident Stress Plan" is retitled and replaced in its entirety.

1. Critical Incident Stress Plan

Amtrak's Critical Incident Stress Plan (CISP), entitles Dispatchers, Roadway Workers, Train and Engine Employees, and Mechanical personnel who inspect, repair or maintain rolling stock who witness or are closely connected with an accident that results in a fatality, amputation, or any other catastrophic accident that could reasonably be expected to impair the ability of an employee to safely perform their job duties, to be transported to their home crew base as needed, makes counseling and other support services available upon request, and may provide covered employees with additional relief time if they remain in contact with an Employee Assistance Program counselor. Additional information about Amtrak's Critical Incident Stress Plan is available on All Aboard.

2. Critical Assistance and Response for Employees (CARE)

Critical Assistance and Response for Employees (CARE) is a Policy agreement for Train and Engine Employees covered by the BLET or SMART TD unions.

The Engineer and the Trainman who exits the train to assist with an incident with an occupied vehicle, trespasser strike, or other catastrophic event, are entitled to up to three consecutive paid working days off in addition to the assistance provided by CISP.

For questions about CISP/CARE, please contact your supervisor/manager or the EAP at: 1-800-327-6448

3. Critical Incident - Train Service Employee Procedure

During critical incidents requiring train inspection or assessment:

- a) The Conductor shall designate themselves or one Trainman to exit the train for required inspection or assistance. Once this employee is designated, no other train service employee should exit the train. This designation should be based on the specific nature of the incident and the employee's capabilities.
- b) All remaining Trainmen must remain on board to:
 - Maintain passenger safety and security
 - Provide passenger communications and updates
 - Ensure continuity of operations
 - Coordinate with the engineer, dispatcher, and emergency responders as needed
- c) If the conditions outside of the train present an immediate safety risk that would endanger a single employee, all Trainmen must remain onboard until:
 - Emergency responders arrive on site.

OR

 - A supervisor provides instructions.

D. 10-S2. Metro North Railroad Fusees

01/05/26

10-S2 is new. This removes the requirement for Metro-North trains to carry fusees.

Metro-North Railroad trains are exempt from the requirement to carry fusees.

E. 16-S1. Blue Signal Protection: Signal Locations

12/06/25

16-S1 is deleted. The AMT-6 and current training already cover blue signal protection requirements, making the rule unnecessary. The core Operating Rules apply (Example: NORAC, GCOR)

F. 34-S8. Passenger Exterior Side Door Safety Rules

12/16/25

34-S8 is retitled and replaced in its entirety.

1. General

This instruction prescribes exterior side door safety procedures for locomotives with Master Door Bypass Switches and passenger cars with Local Door Isolation Switches used in passenger service. When working as intended, these devices complete a Door Circuit to ensure passenger trains do not operate with open exterior side doors. When equipped, they must be sealed in the Normal/non-bypass position, except as indicated below.

2. Responsibilities of the Conductor and Trainmen

- a) When taking control of a passenger train, the Conductor and Trainmen must either:
 - (1) Test that the Door Summary Circuit is properly functioning as specified by the Service Standards Manual in Chapter 12 Part G.

Or

 - (2) When relieved en route, hold a briefing with the outgoing crew, ensuring that the Door Summary Circuit is functioning correctly.

Or

 - (3) If the Door Summary Circuit is not functioning correctly, the incoming crew must attempt to test the Door Summary Circuit again before proceeding. If the Door Summary Circuit fails to function properly, notify CNOC Mechanical and document the condition on the eMAP21A.
- b) If notified by the Engineer that the Locomotive/Cab Car Door Summary Circuit indicates a door is open, the Conductor must:
 - (1) Verify that all exterior side doors are closed.
 - (a) If all doors are closed and indicating as such, the Conductor may authorize the Engineer to place the in-cab Door Bypass Switch in the bypass position.
 - (b) If a door is open or indicates as such, it must be closed, secured, and locked out locally if equipped.
 - (c) In either case, the Conductor must:
 - i. Notify CNOC Mechanical Desk, and other crewmembers.

- ii. Place a door out-of-service decal (NRPC 3128) on any door that is not operating as intended.
- iii. Document the condition on the eMAP21A.

Note: Cars may continue in revenue service as long as at least one door on each side of the car can be operated by passengers in an emergency; otherwise, the passengers must be removed from that car.

- c) After stopping at a station, the Conductor may authorize the Engineer to use the in-cab Door Bypass Switch to re-spot the train and document the occurrence(s) on eMAP21A.
 - Prior to departure, the Conductor must confirm with the Engineer that the Locomotive Door Bypass Switch is returned to the Normal/non-bypass position.

3. Responsibilities of Locomotive Engineers

- a) When taking control of a passenger train, the Engineer must either:
 - (1) Verify the locomotive in-cab Door Bypass Switch is position and sealed in the non-bypass position, when equipped.
 - Or
 - (2) When relieved en route, hold a briefing with outgoing engineer ensuring that the Door Summary Circuit is functioning correctly.
 - Or
 - (3) If the in-cab Door Bypass Switch is found in the bypass position, the incoming engineer must attempt to place the switch in the normal position. If the Door Summary Circuit is not functioning correctly, document the condition on the MAP100, and remind the conductor to notify CNOC Mechanical and document the condition on the eMAP21A.
- b) If the in-cab Door Circuit indicates that a door is open during movement, the Engineer must:
 - (1) Bring the train to a safe stop and notify the Conductor.
 - (2) Remain stopped until the Conductor announces it is safe to proceed.
 - (a) If the in-cab Door Bypass Switch needs to be placed in the bypass position due to an en-route failure, document the condition on the MAP 100, and remind the conductor to notify CNOC Mechanical and document the condition on the eMAP21A.
- c) After stopping at a station, the Conductor may authorize the Engineer to use the in-cab Door Bypass Switch to re-spot the train. Prior to departure, the Engineer must document the reason for using the bypass on the MAP100, and return the in-cab Door Bypass Switch to the normal/non-bypass position.

4. Responsibilities of Mechanical Personnel

- a) When performing a Class 1 brake test and/or Calendar Day Inspection, Mechanical Personnel must:
 - (1) Ensure locomotives with in-cab Door Bypass Switches and Passenger Cars with Local Door Isolation Switches are inactive (non-bypass) and sealed if they are so equipped.
 - (2) Test that the door summary circuit on the train is properly functioning as prescribed by Mechanical Bulletin MB-CNV-24-37 and Technical Bulletin TAG-MEC-08-15605.
- b) When notified of trains operating with Locomotives on both ends, Mechanical must meet the train where it turns to operate in the opposite direction and set up the Blue Communication Cables correctly, so the Door Summary Circuit will work as intended.
- c) If a Door Summary Circuit is found to be malfunctioning and cannot be repaired by its next Calendar Day Inspection, the car(s) or locomotive(s) must be removed from service until it functions correctly.
- d) If a passenger car exterior door is found malfunctioning and cannot be repaired until its next repair point or Calendar Day Inspection (whichever occurs first), the car may continue in service provided mechanical personnel:
 - (1) (A QMP) determines that moving the equipment in passenger service is safe.
 - (2) Determines that the door was functioning correctly on the last calendar day inspection.
 - (3) Appropriately place a door out-of-service decal (NRPC 3128) to indicate that the door is not operating as intended.
 - (4) Place the Local Door Isolation Switch in bypass, if equipped.

- (5) Ensure the Door Circuit is working for the consist and the locomotive bypass is in the non-bypass position.
- (6) Ensure that at least one door on each side is operable by passengers in an emergency; otherwise, the car may not be used for revenue service.
- (7) Document the defect in WMS and on the NRPC 1173/10c.

G. 37-S1. Speed Table

11/03/25

37-S1 is modified. Trains operating at 155 MPH and 160 MPH are added.

TIME PER MILE		MILES PER HOUR
MINS.	SECS.	
0	22.5	160
0	23.3	155

H. 37-S2. Engine Servicing Tracks and Car Shop Repair Tracks

01/12/26

37-S2 is deleted and relocated to the 37 Line Specific Instructions.

I. *37-S5. Engines & Equipment: Maximum Speeds, Unless Otherwise Restricted; Dimensions

03/02/26

37-S5 is modified.

1. Speed - Maximum and Various: Amtrak Engines

Airo Trainset engines are added.

Engine No.	Bldr. Model	Speed MPH			Equip Dimen	Train Type	Notes at End of Table
		Lite	Mltip. Lite	With Train			
AMTRAK							
70001-70002	ALC-42E	50	50	125	1	B	...
7001 - 7086	ALC-42E	50	50	125	1	B	...

2. Speed - Maximum and Various: CSO/NECR Engines

GP38-2 2048 is added. CSO 4026: Note A is added.

Engine No.	Bldr. Model	Speed MPH			Equip Dimen	Train Type	Notes at End of Table
		Lit e	Mlt p. Lite	With Train			
CSO/NECR							
CSO 2011, NECR 2048	GP38-2	30	50	65	4	E	A
CSO 4025	B-40-8	30	50	70	5	E	C
CSO 4026	B-40-8	30	50	70	5	E	A

3. Speed - Maximum and Various: CSXT Engines

CSXT Engines is replaced in its entirety.

Engine No.	Bldr. Model	Speed MPH			Equip Dimen	Train Type	Notes at End of Table
		Lite	Mltip. Lite	With Train			
CSXT							
5-463, 489 - 492	CW44AH	30	50	70	5	E	A,B, K

Engine No.	Bldr. Model	Speed MPH			Equip Dimen	Train Type	Notes at End of Table
		Lite	Mltip. Lite	With Train			
CSXT							
464-468, 470-488	CW44AH	30	50	70	5	E	A, B, K
495-556	CW44AH	30	50	70	5	E	A, B, K
557-599	CW44AH	30	50	70	5	E	A, B, K
700- 999 1776, 1827,1836, 1850- 1853, 1869, 1871, 1875, 1877, 1897, 1899, 1900, 1967, 1897, 1972, 1973, 1976, 1982	ES44AH	30	50	70	5	E	A,K
1006, 1008-1010, 1013, 1015-1018	MT6	30	45	50	6	E	C, K
1021-1024, 1040, 1042-1048, 1050-1066, 1068	SWMT	30	45	50	4	E	C
1130-1139, 1150-1194	MP15AC	30	45	60	5	E	C
1140-1149	MP15	30	45	60	5	E	C
1710-1711	SD40E3	30	50	70	5	E	C,B,K
1200-1241	MP15T	30	45	60	5	E	C, K
1712	SD40E3	30	50	70	5	E	A, B, K
2200-2374, 2377-2380	RDSLUG	30	50	65	5	E	C
2411-2419, 2422-2442	SD40-2	30	50	65	5	E	C, K
2443-2445	SD38-2S	30	50	65	5	E	C, K
2450-2454	SC38-2	30	50	65	5	E	C, K
2709, 2719, 2723	GP38-2	30	50	65	4	E	C
2717, 2718, 2720, 2724, 2740, 2793, 2804, 2807, 2813	GP38-2	30	50	65	4	E	...
2735, 2746, 2788, 2795, 2798, 2810, 2812-2814	GP38-2	30	50	65	5	E	...
2794, 2796, 2797, 2799-2803, 2806, 2808, 2809, 2811	GP38-2	30	50	65	5	E	B, C
3000-3249	ES44AH	30	50	70	5	E	K
3250-3474	ET44AH	30	50	70	5	E	A, K
4000-4090, 4225-4237, 4285-4299,	SD40-3	30	50	70	5	E	A

Engine No.	Bldr. Model	Speed MPH			Equip Dimen	Train Type	Notes at End of Table
		Lite	Mltip. Lite	With Train			
CSXT							
4320-4333, 4372-4390							
4300-4319	GP39-2	30	50	65	5	E	B, C, K
4405, 4406, 4450	GP40-2	30	50	70	4	E	A, K,
4408, 4421, 4450-4452, 6152, 6157, 6159, 6201, 6213, 6218, 6238, 6249	GP40-2	30	50	70	4	E	A, B
4424-4427, 4430, 4434- 4436, 4439, 4442, 4449	GP40-2	30	50	65	4	E	C, K
4428, 4432, 4452	GP40-2	30	50	65	4	E	A, K
4500-4589	SD70AC	30	50	70	5	E	C, K
4701-4830	SD70AC	30	50	70	5	E	K
5101-5122	CW44AH	30	50	70	5	E	A, B, K
5200-5501	ES44DC	30	50	70	5	E	A, K
6129	GP40-2	30	50	70	4	E	A, K
6137, 6139, 6237, 6346, 6352, 6355, 6356, 6362, 6392, 6398, 6399	GP38-2S	30	50	70	4	E	C
6157, 6159, 6234, 6239, 6242	GP38-2S	30	50	70	4	E	A, B, K
6150, 6151, 6155, 6158, 6245	GP38-2S	30	50	70	4	E	B, K
6149	GP40-2	30	50	70	5	E	C, K
6152, 6160	GP40-2	30	50	70	4	E	A, B, K
6153, 6156, 6221, 6246, 6247, 6280, 6295, 6318, 6341	GP40-2	30	50	70	4	E	B, K
6201, 6203-6207	GP40-2	30	50	70	4	E	A
6209-6219, 6222- 6230, 6232, 6233, 6235, 6236, 6238, 6240, 6241, 6243, 6244, 6248, 6249	GP40-2	30	50	70	4	E	A, B, K
6361, 6363, 6364, 6388, 6390, 6391,	GP40-2	30	50	70	4	E	C, K

Engine No.	Bldr. Model	Speed MPH			Equip Dimen	Train Type	Notes at End of Table
		Lite	Mltip. Lite	With Train			
CSXT							
6393-6397, 6400-6499							
6900-6909, 6911-6943, 6947, 6951-6973	GP40-2	30	50	70	4	E	C, K
7650-7917	CW40-8	30	50	70	5	E	C, K
7918-7929	CW40-8	30	50	70	5	E	K
8006, 8008, 8009, 8013, 8014, 8019, 8024, 8029, 8037, 8039, 8040, 8052, 8055, 8089, 8094, 8097, 8128, 8136, 8156, 8181, 8300, 8319, 8352, 8400, 8801, 8804, 8817, 8822, 8823, 8830,8840, 8853	SD40-2	30	50	70	5	E	A, B, K
8048, 8145, 8365	SD40-2	30	50	70	5	E	A, K
8611, 8620, 8624, 8628, 8629, 8635, 8641, 8662, 8665, 8667	SD50	30	50	70	5	E	C, K
8502, 8523,8526, 8536, 8540, 8568, 8582, 8604, 8609, 8612- 8614,8619,8662	SD50-2	30	50	70	5	E	C, K
8829-8830, 8834, 8841, 8843, 8845, 8848, 8852, 8855, 8860, 8864-8866,8868, 8869, 8874, 8880, 8882, 8885, 8886	SD40-2	30	50	70	5	E	B, K
8840, 8831, 8854, 8856, 8857, 8867	SD40-2	30	50	70	5	E	A, B, K
8832, 8836, 8839, 8842, 8844, 8849, 8850, 8851	SD40-2	30	50	70	5	E	K
8835, 8838, 8863, 8870- 8873, 8875- 8879, 8883, 8884, 8887-8889	SD40-2	30	50	70	5	E	A, B,C,K
8833, 8846, 8850	SD40-2	30	50	70	5	E	A, K

Engine No.	Bldr. Model	Speed MPH			Equip Dimen	Train Type	Notes at End of Table
		Lite	Mltpl. Lite	With Train			
CSXT							
8853, 8854, 8856, 8857, 8867, 8872, 8873, 8881	SD40-2	30	50	70	5	E	A, B, K
9000-9052	CW44-9	30	50	70	5	E	C, K
CSXT 1, 2	F40PH-2	50	50	100	4	B	A
CSXT 3	F40PH-2	50	50	100	5	C	A
9999	F40PH-2	50	50	100	5	C	...

4. Speed - Maximum and Various: NS/PRR Engines

NS/PRR 6800 is added.

Engine No.	Bldr. Model	Speed MPH			Equip Dimen	Train Type	Notes at End of Table
		Lit e	Mlt p. Lite	With Train			
NS/PRR							
6800	GP34ECO	30	50	70	5	E	A

5. Speed - Maximum and Various: P&W Engines

P&W 2323 & 2325 are added.

Engine No.	Bldr. Model	Speed MPH			Equip Dimen	Train Type	Notes at End of Table
		Lit e	Mlt p. Lite	With Train			
P&W							
2323, 2325	GP39-2	30	50	65	4	E	C

6. Speed - Maximum and Various: Amtrak Cars

Airo Trainset cars are added.

AMTRAK	Spd	Train Type	Equip. Dim
Siemens Airo Coaches 74001-74313	90	D	1
Siemens Airo Cab Cars 79501-79509, 7601-7675, 7901-7909, 7920-7928	90	D	1
Siemens Airo Café Cars 73001—73083	90	D	1
Siemens Airo Business Class Cars 71001-71008	90	D	1
Siemens Airo APV Cars 71301 – 71361	90	D	1
Siemens Airo Battery Cars 71601-71618	90	D	1

7. Speed - Maximum and Various: Amtrak Freight and MW Equipment

Amtrak Conveyor Chute Car A18409 is added.

AMTRAK FREIGHT AND MW EQUIPMENT	Spd	Train Type	Equip. Dim	Notes at End of Table
Conveyor Chute Car: 4 axel A18407-	50	E	2	...

J. 43-S2. Movement Through Gates or Doorways**01/05/26**

43-S2 is modified. The movement warning buzzer and engine bell must be sounded when entering, exiting or moving within buildings.

Before moving engines, cars, or other equipment through gates, doorways, or similar openings, stop to ensure that the gates, doorways, or openings are completely open and secure. The movement warning buzzer and engine bell must be sounded when entering, exiting, or moving within buildings. When overhead or side clearances are close, make sure movement is safe to proceed.

K. 47-S2. Tracks Equipped for AC Electrical Operation**02/02/26**

SI 47-S2 is modified. NHB Line- Track 3 between Thatcher and Holden is now equipped for AC Electrical Operation.

L. *132-S7. Protection for Other Conditions**03/16/26**

132-S7 is new. If employees need to foul a track in an unforeseen or emergency situation, such as a conductor fouling the track next to their train to inspect, or a conductor providing protection for a customer service agent to retrieve an item a passenger dropped on the tracks, they can follow this rule to request protection.

Employees not governed by Roadway Worker, Blue Signal, or Three Point Protection that need to foul a main track, who are unable to detect the movement of a train and clear to a place of safety per the rule “Individual Train Detection for Non-Roadway Workers”, must contact the Dispatcher to establish protection.

1. Action Required Prior to Issuance

The Dispatcher must not grant protection until:

- a) The segment of track to be fouled is clear, and no movements have been authorized to operate on that segment,
OR
- b) Trains on the segment of track to be fouled are confirmed stopped and not allowed to move without permission of the dispatcher,
AND
- c) Controlled signals leading to the affected track are in Stop position,
AND
- d) Blocking devices are applied to the controls of switches and signals leading to the affected track.

2. Permission for Protection

Permission for the protection must include the following information:

- a) Title and name of employee receiving protection
- b) Track designation
- c) Track limits (between/at)

3. Releasing Protection

Once the Dispatcher grants protection, it must be maintained until the employee who requested it has released their protection and reports clear of the track. The release must include the employee's title and name, and the track designation and limits being released.

M. *132-S8. Individual Train Detection for Non-Roadway Workers**03/16/26**

132-S8 is new. This rule provides an alternative form of protection only on non-main tracks or main tracks with the restrictions listed below.

Employees that need to foul other than main track or a main track whose maximum authorized speed is 15 MPH or less, may use Individual Train Detection for Non-Roadway Workers.

1. Restrictions

Individual Train Detection for Non-Roadway Workers must not be used if:

- a) The employee is engaged in Roadway Worker duties.

- b) Engaged in an activity that would interfere with their ability to maintain a vigilant watch to detect the approach of trains or equipment in either direction.
- c) Maximum Authorized Speed of the track is greater than 15 MPH.
- d) If a switch or crossover is within 330 feet or 4 car lengths.
- e) Impaired by background noise, lights, fog, precipitation, passing or standing equipment, or other physical characteristics.
- f) Unable to clear to place of safety.

2. Conditions for Individual Train Detection for Non-Roadway Workers

Employees who elect to use Individual Train Detection for Non-Roadway Workers must:

- a) Conduct a Job Briefing with their coworkers, train crew, or if working by themselves their supervisor, identifying:
 - (1) Work to be performed
 - (2) Tracks to be fouled
 - (3) Maximum Authorized Speed of the Tracks fouled
 - (4) Required Sight Distance
 - (5) Place of Safety
- b) Be able to see 330 feet, or 4 car lengths, or to the end of track.
- c) Clear to a place of safety as soon as they detect an approaching piece of equipment. A place of safety is:
 - (1) Not in the foul of any track.
 - Or
 - (2) Within the gauge of a track or the confines of equipment under three point or Blue Signal Protection

N. 133-S1. Protection Of Out-Of-Service Tracks

11/05/25

133-S1 is modified. "A non-shunting barricade may be used in lieu of a shunting barricade; shunting or non-shunting barricades are not required." "Work is performed exclusively with" is expanded.

Upon receiving an Out-of-Service authority and before any work begins, the RWIC must ensure that Shunting Barricades are installed, and confirm with the Dispatcher that Track Occupancy Lights (TOLs) are displayed at each end of the work area of the track(s) to be fouled by roadway workers or On-Track Equipment. Except:

- 1. Non-Shunting Barricades may be used in lieu of Shunting Barricades if:
 - A portion of the track to be removed from service is within interlocking limits, and a shunting barricade would interfere with the movement of trains outside of the working limits.
 - Or
 - When the use of a Shunting Barricade would impede conducting maintenance, testing, and inspection of signals, switches, or movable bridges.
- 2. Shunting or Non-Shunting Barricades are not required if:
 - The fouling activity consists solely of walking or moving inspections.
 - Or
 - The fouling activity consists solely of on-track equipment traveling to or from a work area.
 - Or
 - Work is performed exclusively with Work Trains, MDZ (coupled or separated), Track Laying Machine (TLM), 08-Unimat Switch Tampers, 09-4S Combo Tampers, Ballast Management System (BMS), Plasser Undercutters, Sperry Cars, Catenary Maintenance Car (MTW-100), Switch Exchange System (SES), Rail Grinding Trains, MPMV (coupled or separated), Brandt Truck (with or without cars), MMU-1000 (coupled together with the material car and working car), TSAV, ATIV, CSXT GRMS 1&2, and/or NJT-TGIV.

O. 592-S1. Trains Equipped With I-ETMS Apparatus

12/15/25

SI 592-S1 is modified. NS Trains H36 & H37 are renamed 38V & 39V. VR334 is added.

Train No.	Clearance No.
38V	90563324
39V	90623313

Virginia Railway Express	
Train No.	Clearance No.
VR334	00343400

P. 714-S1. Telephone Numbers-Dispatchers, Operators, Etc.

02/25/26

714-S1 is modified. Penn Coach Yard Yardmaster number is added.

1. WT, PW, NYP & PH LINES

Dispatcher/Operator	Exchange	ATS	Commercial
PCY Yardmaster	Phila.	...	215-349-3363

VII. Speed Table for Reference

01/02/23

ACSES SPEED TABLE

Movement Under Rule:	261/251	562	563
Failed or Fault ACSES with operative Cab Signals (ATC)	79 MPH	79 MPH	N/A
Failed Cab Signal (ATC) with operative (not failed) ACSES	554 - 40 MPH If authorized to operate according to 556 by the Train Dispatcher – 59 MPH - Psgr. 49 MPH - Frt. 40 MPH -Transporting PIH	Restricted Speed, unless governed by a “Clear to Next Interlocking” Signal (280a) 59 MPH - Psgr. 49 MPH - Frt. 40 MPH - Transporting PIH	Restricted speed, unless governed by Form D Line 13 Authorizing 563 – 59 MPH – Psgr. 49 MPH – Frt. 40 MPH - Transporting PIH
Failed ACSES with Failed Cab Signals (ATC)	554 - 40 MPH If authorized to operate according to 556 by the Train Dispatcher – 59 MPH - Psgr. 49 MPH - Frt. 40 MPH -Transporting PIH	Restricted Speed, unless governed by a “Clear to Next Interlocking” Signal (280a) 59 MPH - Psgr. 49 MPH - Frt. 40 MPH - Transporting PIH	Restricted speed, unless governed by Form D Line 13 Authorizing 563 – 40 MPH 30 MPH - Transporting PIH
Construction Zone (ACSES only)			
Operative CSS		79 MPH	
Inoperative CSS		59 MPH – Psgr. 49 MPH – Frt. 40 MPH – Transporting PIH	
DCS Territory			
Operative ACSES		59 MPH - Psgr. 49 MPH - Frt.	
Failed ACSES		40 MPH 30 MPH - Transporting PIH	

FAILURE OF CAB SIGNALS, INOPERATIVE I-ETMS, OR BOTH.

Movement Under Rule:	261/251	562	563
Inoperative I-ETMS with operative Cab Signals (ATC)	79 MPH	79 MPH	N/A
Inoperative I-ETMS with Inoperative Cab Signals (ATC) NOTE: Trains operating with I-ETMS that experience a cab signal, ATC, Speed Control, or LSL failure en-route must consider I-ETMS to be inoperative and proceed in accordance with SI 592-S2.	554 - 40 MPH If authorized to operate according to 556 by the Train Dispatcher – 59 MPH - Psgr. 49 MPH - Frt. 40 MPH - Transporting PIH	Restricted Speed, unless governed by a “Clear to Next Interlocking” Signal (280a) 59 MPH - Psgr. 49 MPH - Frt. 40 MPH Transporting PIH	Restricted speed, unless governed by Form D Line 13 Authorizing 563 - 40 MPH 30 MPH - Transporting PIH
Construction Zone (ACSES only)			
Operative CSS		79 MPH	
Inoperative CSS		59 MPH – Psgr. 49 MPH – Frt. 40 MPH – Transporting PIH	
DCS Territory			
I-ETMS will not be operative when operating in DCS Territory.		40 MPH 30 MPH - Transporting PIH	

Q&A for Guidance	
Question	ACSES enforces an incorrect speed resulting in a penalty brake application. Is this an ACSES failure under NORAC rule 585?
Answer	No, if ACSES can recover from the penalty and does not prevent movement of the train, ACSES should remain cut in. If ACSES displays an incorrect speed for 3 consecutive miles, the engineer will consider ACSES as failed & cut it out.
Question	ACSES enforces a positive stop at other than a stop signal. Is this an ACSES failure under NORAC rule 585?
Answer	No, train crews should operate according to NORAC Rule 583 and Amtrak special instruction 583-S1. If the stop release button is used after receiving permission from the train dispatcher in accordance with NORAC rule 583 and SI 583-S1 and the train will still not move, the crew can consider ACSES as failed (preventing the movement of the train) and cut it out. Operate according to failure rules. If ACSES enforces a positive stop at a signal other than Stop at 2 consecutive interlockings/CPs (not 2 or more signals within the same interlocking), the engineer will declare a failure and operate according to NORAC 585.
Question	The ACSES track speed indicator displays and enforces a speed LOWER than Normal Speed for multiple miles. Is this considered an ACSES failure?
Answer	Yes, If ACSES displays an incorrect track speed (higher or lower) for 3 consecutive miles, this will be considered an ACSES failure (Rule 585-S1 is updated to reflect the answer to this question).
Question	The train strikes an object. After stopping and inspecting the equipment, the ACSES junction box is visibly damaged. How does the train crew operate?
Answer	If the ACSES junction box is visibly damaged, the engineer will consider it a failure and will operate in accordance with NORAC rule 585: "Damage occurs to any part of the ACSES apparatus," has been added to 585-S1 above.
Question	When equipped, the "ACSES Cut Out" light is flashing on the ADU:
Answer	If a penalty brake application occurs, the engineer will cut out ACSES and operate according to failure rules. If the light is flashing and penalty brake application does not occur, continue to operate according to track and signal speeds. If the light is flashing and "(- -)" displays operate according to 585-S5 – Fault Rules
Question	The locomotive is NOT equipped with the Amtrak/Metro-North territory switch and has failed to change over to the appropriate cab signal for the territory I'm traversing. Is this a failure of the cab signals or ACSES?
Answer	This is not considered a failure. For units not equipped with the switch, the Metro-North cab signal aspects are considered a conformity under SI 279-S6 (Updated in the BO), and Amtrak speed limits will be enforced by ATC.
Question	The train has a positive stop displayed on the ADU, which resulted in a penalty application of the brakes. The train did not shove past a controlled signal or receive Rule 241 permission. The next governing signal is displayed but not in visual range to confirm if the next signal is "other than Stop Signal". Can the Stop Release Button be used?
Answer	If the dispatcher can determine the signal is displayed on their model board, the Stop and Release Button can be used in accordance with NORAC Rule 583, System Special Instruction 583-S1.
Question	ACSES is enforcing a positive stop at a signal that I cannot see. The dispatcher reports that the signal cannot be displayed and will give us verbal permission by the signal under rule 241. However, the train is not stopped at the signal and cannot verify what the signal is displaying (which conflicts with the portion of rule 241 that states the train must be stopped at the signal). What is the proper course of action?
Answer	If the dispatcher cannot display the signal, even though the signal cannot be seen by the train crew, the dispatcher can give rule 241, and the train crew is allowed to accept rule 241 authority and use the stop and release button in accordance with NORAC Rule 583, System Special Instruction 583-S1. The Dispatcher and train crew must follow all other requirements in accordance with 241. If a train is stopped in the PTS zone and a signal can be displayed, the dispatcher must not give the train authority to use the stop and release button. After the signal is displayed, the train should be able to transition out of positive stop and release the brakes without the use of the Stop Release Button.

Question	The train enters ACSES territory, and the missing transponder symbol is displayed. In fact, the missing transponders symbol is displayed for the entire trip. Will the train operate according to signal indication and track speed limits not exceeding 79 MPH for the entire trip?
Answer	If the train enters ACSES territory while the missing transponder symbol (" - ") is displayed, the train crew must leave ACSES cut in and must operate in accordance with track and signal speed limits not exceeding 79 MPH (582-S2). 585-S2 has been revised to reflect the speed change above in this Bulletin Order.
Question	The train has the "No Valid TSR DATA Light" illuminated, and the Missing Transponder Symbol is alternating with an incorrect permanent track speed. If this condition continues for less than three consecutive miles, will it be considered an ACSES fault?
Answer	"No Valid TSR DATA" Light is considered a Fault; train must proceed not exceeding 79 MPH. In addition, the train must operate according to the most restrictive permanent track speed due to the speed not conforming. In this scenario, if the nonconformity last for less than 3 miles, no failure is declared. The train may continue operating not exceeding 79 MPH until a valid TSR list is received.
Question	If the above scenario continues for more than three consecutive miles, is this considered an ACSES failure under SI-585 S1?
Answer	"No Valid TSR DATA" Light is considered a Fault; train must proceed not exceeding 79 MPH. In addition, the train must operate according to the most restrictive permanent track speed due to the speed not conforming. In this scenario, since the permanent track speeds do not conform after 3 miles, it must be declared an ACSES Failure.
Question	The engine has speed control (ATC) failure, but I have NOT cut out the cab signals. I will be entering 562 territory, with a Clear to The Next Interlocking Signal displayed. The ACSES is cut in and functioning. What speed is authorized to the next signal?
Answer	Depending on the type of equipment, it may or may not be possible to cut out ATC while Cab signals remain operative. Anytime ATC is cut out, the maximum speed for the train is 59 MPH Psgr. 49 MPH Frt. and 40 MPH PIH
Question	The engine has speed control failure (ATC), but I have NOT cut out the cab signals. I have stopped in 562 territory and declared speed control failure. ACSES is cut in and functioning. What speed is authorized WITHOUT being governed by Rule 563 or a Clear to The Next Interlocking Signal?
Answer	If ATC fails in the middle of a block in 562 territory and it is possible to cut out ATC without also cutting out cab signals, NORAC rule 562 D applies, which will restrict the train to not exceeding 40 MPH even though ACSES is still operative.
Question	The engine has speed control failure (ATC), but I have NOT cut out the cab signals. I have stopped in 562 territory and declared speed control (ATC) failure. ACSES is cut out. What speed is authorized WITHOUT being governed by Rule 563 or a Clear to The Next Interlocking Signal?
Answer	If ATC fails in the middle of a block in 562 territory and it is possible to cut out ATC without cutting out cab signals, NORAC rule 562 D applies, which will restrict the train to not exceed 40 MPH.
Question	What if the train experiences an I-ETMS initialization failure at an initial terminal location that is in an overbuild or tunnel that prohibits PTC system communication?
Answer	The train is not permitted to depart the initial terminal until the I-ETMS system is initialized or the train dispatcher permits movement to a location within the initial terminal to improve PTC system communication

IX. PTC Rule Review for Locomotive PTC Failure Handling -FAQs

02/06/23

Q&A for Guidance	
Question	The train is in transit to a location when the controlling locomotive's PTC system fails and becomes defective. The arriving location has mechanical personnel and is an initial terminal location for some trains, but not all trains. The location is not an "Amtrak Designated Repair Location." The locomotive will turn as the lead unit on a train that will not receive mechanical inspections. Can the train depart the location?
Answer	Yes, but only after the following is determined: Troubleshooting will not restore the locomotive PTC system to an operative condition. A determination is made by the CNOC Operations/Mechanical Desks that a protect or replacement locomotive is not available. The initial terminal location and train is not listed in the above table: Train Departure with Defective or Failed Onboard PTC System.
Question	The train is in transit to a location when the locomotive PTC system fails and becomes defective. While en route, the train will operate past an "Amtrak Designated PTC Repair Location." Would the train be permitted to advance beyond the repair location?
Answer	Yes, but only after the following is determined:

	The Amtrak Designated Repair Location is not assigned to repair or replace locomotives of the service type in which the failure occurred. Troubleshooting will not restore the locomotive PTC system to an operative condition. A determination is made by the CNOC Operations/Mechanical Desks that a protect or replacement locomotive is not available.
Question	What are examples of a “failed or defective” locomotive PTC system?
Answer	The locomotive onboard PTC display, audible feature, or TMC/OBC components are physically damaged or defective preventing proper locomotive system operation. The locomotive onboard PTC system is in a failure condition or “Failed State” that requires the PTC system circuit breakers, pushbuttons, and/or pneumatic switches to be placed in the “Cut-Out” position to permit train movement. The locomotive onboard PTC system is unable to pass a system departure test. A valid MAP 100 (MARC ECR 100) on controlling locomotive indicates that the locomotive PTC system is Cut-Out, defective, or failed.
Question	What is an “Initialization Failure”?
Answer	Failure of the locomotive onboard PTC system departure test process. Any time the I-ETMS locomotive onboard subsystem initialization process does not complete (system does not transition to Disengaged state) Any time the I-ETMS locomotive onboard subsystem initialization process is not attempted by the Locomotive Engineer. The locomotive onboard PTC system has a pre-existing PTC-related defect which prevents initialization or will result in onboard subsystem departure test failure
Question	The train arrives at a passenger station that is in the same city as an “Amtrak Designated PTC Repair Location” (i.e., NYP, RGH, OKJ, EMY, LAX). Immediately upon arrival, the controlling locomotive experiences an onboard PTC failure. Would the train be permitted to advance from the passenger station location?
Answer	Yes, but only after the following is determined: The passenger station is not an Amtrak designated PTC Repair Location listed in the above table: Train Departure with Defective or Failed Onboard PTC System that is assigned to repair or replace locomotives of the service type in which the failure occurred. Troubleshooting will not restore the locomotive PTC system to an operative condition. A determination is made by the CNOC Operations/Mechanical Desks that a protect or replacement locomotive is not available.
Question	The train or locomotive physically enters an “Amtrak Designated PTC Repair Location” that is identified as a yard or maintenance facility (i.e., L.A. 8th Street Yard, N.Y. Sunnyside Yard, Oakland Maintenance Facility) but is not scheduled to receive mechanical inspection. The yard or maintenance facility has mechanical personnel who regularly perform maintenance and inspections on the controlling locomotive service type. Prior to arrival at the yard or maintenance facility location, the controlling locomotive experiences an onboard PTC failure. Would the train be permitted to depart the Amtrak Designated PTC Repair Location with a failed or defective controlling locomotive PTC system?
Answer	No, the controlling locomotive must be repaired or replaced at the Amtrak Designated PTC Repair Location. If a train physically enters an Amtrak Designated PTC Repair Location that is a yard or maintenance facility, the PTC system on a controlling locomotive must not be defective or failed when the train or locomotive departs the yard or maintenance facility location.
Question	What is an “Amtrak Designated PTC Repair Location”?
Answer	An Amtrak Designated PTC Repair Location is a specific station or facility with mechanical personnel qualified to make PTC system repairs when the PTC onboard system has become defective or failed on General Order identified Amtrak trains numbers or services. In addition, Amtrak Designated PTC Repair Locations are stations or facilities where Amtrak is required by regulation to replace a defective controlling locomotive on General Order identified Amtrak trains numbers or services if PTC repairs are unable to correct the defective or failed PTC onboard system.
Question	What is considered an “Initial Terminal” when referring to PTC initialization failures, defective or failed PTC onboard systems?
Answer	The definition of an initial terminal for PTC regulatory compliance differs from the definition of an initial terminal in AMT-3. An initial terminal is the starting point of a locomotive for a trip. A trip is a movement of a locomotive over all or any portion of PTC territory for that locomotive between terminals in one direction. A locomotive that encounters an initialization failure, defective or failed PTC onboard system at an initial terminal must not depart the initial terminal location.
Question	What if the train consist is a “push-pull train” and the PTC fails to initialize on the return trip?
Answer	An initial terminal is the trip starting point of a locomotive in one direction. You must not depart the location for the return trip with a PTC initialization failure from the locomotive, cab car, or NPCU.

Amtrak System Operating Practices

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